### M E M O I R

OF A

## MAP OF HINDOOSTAN;

OR THE

#### MOGUL EMPIRE:

With an INTRODUCTION, illustrative of the GEOGRAPHY and PRESENT DIVISION of that Country:

And a MAP of the Countries situated between the HEAD of the INDUS, and the CASPIAN SEA.

BY I MES RENNELL, F.R.S.

Late Major of Engineers, and Surveyor General in Bengal.

The flow'r and choice
Of many Provinces from bound to bound,
From ARACHOSIA, from CANDAOR east,
And MARGIANA, to the HYRCANIAN Cliffs
Of CAUCASUS

From SAMARCHAND by Oxus, Temir's Throne,
To AGRA and LAHOR of Great Mogul,
Down to the Golden Chersonese
And utmost Indian Isle TAPROBANE.

MIL TON.

#### TO WHICH IS ADDED,

An Appendix, containing an Account of the Ganges and BURRAMPOOTER Rivers.

#### LONDON:

Printed by M. BROWN, for the AUTHOR And fold by W. FADEN, Corner of St. Martin's Lang. Charles Chois.

SIR JOSEPH BANKS, BART.

PRESIDENT OF THE ROYAL SOCIETY, &c. &c.

THIS ATTEMPT
TO IMPROVE THE GEOGRAPHY OF INDIA,
AND THE NEIGHBOURING COUNTRIES,

IS INSCRIBED,

BY HIS MUCH OBLIGED, AND

FAITHFUL FRIEND AND SERVANT,

J. RENNELL.

London, 1st March, 1788.

## P R E F A C E.

As almost every particular relating to Hindoostan is become an object of popular curiosity, it can hardly be deemed superfluous to lay before the public an improved System of its Geography. Indeed, the flattering reception that was given to my former work, on the same subject, has, in a manner, made that an object of duty, which was originally an object of choice: for the public having condescended to receive the imperfect information afforded them in 1782, I selt an indispensible obligation on me, to render that information more perfect, whenever I might possess the means of accomplishing it. I hesitated only at the measure of subjecting them to an additional tax, so recently after the payment of the former one.

A large collection of materials of various kinds, having been added to my former stock, I have been enabled to produce a work of a more perfect kind than the former; and have therefore drawn it on a larger scale: the surface of the present map, exceeding that of the former one, in the proportion of 2 and a quarter to 1. The scale of this map, is one inch and a half to an equatorial degree:

andi

and the quantity of land represented in it, is about equal to one half of Europe. It is contained in four large sheets, which may either be joined together for the purpose of bringing the whole into one point of view, or bound up separately, in an Atlas; as may suit the fancy or convenience of the purchaser.

By the aid of a feries of observations of latitude and longitude, taken by Capt. Huddart, along the Malabar coast, or western coast of India, the form of the peninfula, &c. is now brought very near to the truth: and the eastern coast, by the observations of Col. Pearse, is much improved, in the distribution of its parts, although its general form has undergone but little alteration. A measured line has also been drawn from the Bengal provinces to Nagpour, in the very centre of India: which has not only established an important geographical point, in a part where it was most wanted; but has been the means of furnishing a great deal of matter, towards filling up the vacant intervals on three sides of that point. Lastly, the war with Hyder Ally and Tippoo Sultan, his fuccessor, has produced much new geographical matter, in various parts of the peninfula, by the marches of the different armies, and their detachments; particularly that of Col. Fullarton, in the fouthern provinces and Coimbettore. These are the most material acquisitions to the present map, as they, in effect regulate a conrefiderable

fiderable part of the general outline, and determine the proportions of fome of the principal members of it. But of the kind of materials, which without affecting the general proportions of the map, ferve the purpose of filling up the void spaces in it, there will be found very great abundance. In particular, Guzerat, and the Rajpoot provinces, have undergone very confiderable improvement; as well as the Panjab country and Sindy. The upper part of the course of the Ganges, to the cow's mouth, or cavern through which the Ganges passes; and the course of the Gogra river to its fountains; are both inferted from the work of M. Bernoulli. In short, additions and corrections are diffeminated over the whole map: and in general, if we except the fouth part of Berar, the western part of the peninsula, and the countries bordering on the river Indus, and the Panjab, the map is filled up in such a degree, as to have no considerable blanks in it.

As Mr. Forster's route from India to Russia surnished some new ideas, and elucidated many sormer passages, I judged it proper to express his route to the Caspian sea, on a separate map; and at the same time to add to it, the countries contiguous to Hindoostan on the north and north-west; so as to include Samarcand, and the marches of Alexander from the borders of the Caspian sea to the river laxartes (the modern Sirr).

In the division of HINDOOSTAN into soubahs, &c. I have followed the mode adopted by the Emperor ACBAR, as it appears to me to be the most permanent one: for the ideas of the boundaries are not only impressed on the minds of the natives by tradition, but are also ascertained in the AVIN ACBAREE; a register of the highest authority. But for the lower parts of the DECCAN, and the peninfula in general, this standard being wanting, I had recourse to the best information I could get, which was not, indeed, of the most perfect kind: and therefore I directed my attention principally to the state of the modern divisions in those quarters, the impressing a clear idea of which, is one principal aim of the work.

It must be observed, that since the empire has been dismembered, a new division of its provinces has also taken place; by which means, some soubahs now form a part of the dominions of three or more Princes; and very few are preserved entire. These modern divisions are not only distinguished in the map by the names of the prefent possessions; but the colouring also is entirely employed in facilitating the distinctions between them. So that the modern divisions appear, as it were, in the fore ground; and the ancient ones in the back ground; one illustrating and explaining the other.

Confidering the vast extent of India, and how little its interior parts have been visited by Europeans, till the latter part of the last century, it ought rather to surprise us that so much geographical matter should be collected during so short a period; especially where so little has been contributed towards it by the natives themselves, as in the present case. Indeed, we must not go much farther back than thirty-five years, for the matter that forms the basis of this Map. And it must not be forgotten, that the East India Company have caused a mathematical survey to be made, at their own expense, of a tract equal in extent to France and England taken together; besides tracing the outline of near 2000 miles of sea coast, and a chain of islands in extent 500 miles more.

In general, I have acknowledged in the course of the Memoir, the assistance that I have received from the different Gentlemen, who have obligingly furnished me

<sup>\*</sup> Whatever charges may be imputable to the Managers for the Company, the neglect of useful Science, however, is not among the number. The employing of Geographers, and surveying Pilots in India; and the providing of astronomical instruments, and the holding out of encouragement to such as should use them; indicate, at least, a spirit somewhat above the mere consideration of Gain: but above all, the establishment of an office at home, for the improvement of hydrography and navigation, and their judicious choice of a superintendant for it, reflects the highest honour on their administration; and ought to convince us, that in a free country, a body of subjects may accomplish, what the State itself despairs even to attempt. For, however surprising it may appear, it is nevertheless true, that the first maritime nation in the world, has no good chart to direct its sleets towards its own coasts: nor even a criterion by which the public may be enabled to judge of the merit of any hydrographical production whatsoever. So that the soundings on the coast of Bengal, are better known than those in the British channel; of which, no tolerable chart exists, even at this day. During the late war, an East India ship owed her safety to the knowledge obtained from a chart of the mouths of the Ganges (made, and published by order of the Company) into one of which she escaped from two French crusters, and afterwards came into the Hoogly river by the inland navigation. We had just become masters of the hydrography of America, when we lost the lovereignty of it. I hope no one will think management to the first production of the core of Great Britain.

with the materials, therein discussed. But there were other kinds of assistance afforded, for which no opportunities for acknowledgement occurred; such as the surnishing of useful hints, and correcting of errors, into which I had unavoidably sallen, through ignorance of local circumstances, or historical sacts. The Gentlemen to whom I stand particularly indebted on this score, are, Mr. Francis Russell, Mr. David Anderson, and Mr. James Anderson\*; Capt. Jonathan Scott, Mr. Wilkins, Mr. Middleton, Col. Popham, and the late Col. Camac; all of the Bengal establishment: Mr. Bensley, and Mr. Inglis, both of the East India Direction: Mr. John Sulivan of the Madras establishment, and Mr. Callander late of Bombay.

To Lord Mulgrave I am indebted for a copy of Mr. Forster's route from Jummoo to the Caspian sea: as well as for his Lordship's very ready communication of every species of information that could be of service to the work in question.

The routes of Mr. Smith, and of General Goddard, across the continent, from the Jumna river to Poonah and Surat, contain much useful matter; and have been the means of determining a number of geographical points.

<sup>\*</sup> To Mr. James Anderson, I am, in particular, indebted, for the account of the derivation of the term MAHRATTA, and for that of the ancestry of Sevajee: as also for the subject matter of the notes that accompany those articles. And to him, and to him brother, Mr. David Anderson (each of whom, at different times, resided in a public Capacity with Madajee Sindia) I owe the most valuable part of the information, respecting the geographical division of the Mahratta States, and their tributaries.

A MS. account of the country of the Rajpoots, and other provinces, on the fouth, and SW of Agra; together with a map, both of them by P. Wendell, were of very great use in describing the geography of those parts. And to render the MS. more valuable, there has been added to it, Mr. James Anderson's account of the changes that have taken place since that period, in consequence of Sindia's attacks, and negociations. The former was communicated by Col. Popham, and the latter by the Right Hon. Charles Greville.

Mr. Dalrymple, to whom I made my acknowledgments for the affiftance afforded me, in the course of my former work, has, on the present occasion, not only procured for me every new material that fell under his notice, but instructed me how to procure others, and to draw information from various sources, that I was before ignorant of. To his valuable, and perhaps unequalled, collection of MS. charts, and of voyages and travels, I have also had access, on all occasions: and I wish to be understood to speak with the utmost sincerity, when I say, that without this assistance, my performance must have been extremely impersect: or in other words, that Mr. Dalrymple is intitled to the thanks of the public, in a positive degree; although my share of those thanks, may be only comparative.

Although the new translation of the AYIN ACBARER may have in part superseded the value of the extracts surnished me on the former occasion by Mr. Boughton Rouse, as the translation contains the whole subject in a connected form; and was also a task which none but a person who devoted his whole time to it, could effect; yet I am by no means unmindful of my former obligations to this Gentleman.

I have borrowed largely from M. D'Apres' New Neptune Orientale, for the sea coasts and islands: and also, though in a smaller degree, from M. D'Anville's maps of Asia and India published in 1751 and 1752. When it is confidered that this excellent Geographer had fearcely any materials to work on for the inland parts of India, but fome vague itineraries, and books of travels, one is really aftonished to find them so well described as they are. It is with regret that I find myself obliged to differ in opinion from him concerning some positions in ancient Geography: I mean, that of Palibothra, in particular; and fome few others. I have generally avoided all disquisitions of this kind, from a conviction of the general obscurity of the fubject; and which even an intimate knowledge of the Indian languages would not enable me to clear up: for the fimilitude between ancient and modern names, is very fallacious, unless strongly corroborated by situation. But we cannot well refuse our assent to the opinion that Ptolemy meant the Suttuluz, or Setlege by the Zaradrus; the Rauvee by the Rhuadis, or Adaris; and the Jenaub, or Chunaub by the Sandabalis: because not only the names, but the positions have an affinity to each other. And yet this is a part of Ptolemy, which M. D'Anville discredits the most: but the reason was, that he was not himself acquainted with the true names of the rivers.

M. Buffy's marches in the Deccan afford data for fixing the positions of many capital places there; particularly Hydrabad, Aurungabad, Bisnagur, and Sanore. But still there are plans of some of his marches wanting, which, could they be procured, would throw much light on the geography of the peninfula, and the Deccan: fuch as that from Pondicherry to Cuddapah, Adoni, and Hydrabad; that from Aurungabad to Nagpour; and the campaign towards Poonah. There are also existing, itineraries kept by very intelligent people, who have travelled from Pondicherry, direct to Delhi; but I know not how to fet about procuring them. The public records at Goa, I am informed, contain a vast fund of geographical knowledge; and yet we are more in the dark, concerning the country on that fide of the peninfula, than we are with respect to the centre of the Deccan.

Could the whole mass of geographical matter that respects India (much of which, is probably in the hands of people who are ignorant of its value) be collected, I make no doubt but that very complete maps of the feveral provinces of it, might be constructed, on scales large enough for any ordinary purpose.

It is intended by this Memoir to particularize the feveral authorities from whence the positions in the map are drawn; together with the manner of comparing them, in cases where they disagreed: as also, the manner of combining them, when more than one circumstance was required to establish a position. By this means, the authority for each particular, may be known to those who have curiosity enough to enquire after it: and the desective parts being thus pointed out, some future Geographer may be stimulated to seek for better materials. It may also tempt those who are already in possession of such materials, when they are apprized of their use, to contribute them to the public stock. Any communications of the kind will be thankfully received; and a proper use made of them.

There will be found, at the end of the work, two distinct Indexes; the one referring to the matter of the Memoir, the other to the names of countries and places in the map. The great waste of time occasioned by searching after particular situations, in maps of any extent, renders an index as necessary an appendage to a large map, as to a large book. For an index will in the first instance inform the reader whether the place sought after, be in the map, or not. If in the map, he is directed to

fome-

it with as much facility, as to a passage in a book, from an ordinary index. And if it be not there, although he may, indeed, blame the map for its deficiency, he must allow that it does not rob him of his time, by encouraging fruitless researches. There are also added, Tables of distances between the principal cities and towns of Hindoostan; and a small map, which brings into one view the respective positions of all the places mentioned in the tables.

As there does not exist at present, under any form whatsoever, a connected abstract of Indian history, it is a very difficult task for any reader, although possessed of inclination and leifure, to make himfelf acquainted with the principal events that form the groundwork of the history of that country: and particularly those which laid the foundation of the British power there. The many valuable tracks on this subject, that have appeared at different times, are fo disjointed in point of chronology, that no idea of general history can be obtained from them: nor can the chasms be readily filled up. I have therefore been tempted to compile a fort of chronological table of events, from the æra of the first Mahomedan conquests, to the final dissolution of the Mogul empire: and wish the reader to understand, that what is offered to his perusal under that form, is intended as a mere sketch; and that, chiefly with a view to render so dry and so unentertaining a subject as the geography of a country,

fomewhat more interesting, by accompanying it with an account of the principal events and revolutions, to which the country has given birth. I am but too conscious of the deficiency of this part of my performance. Besides, many of the events are related so differently by different people, who pretend to an equal knowledge of the circumstances of them, that it will be no matter of surprise if I am found (by those whose knowledge of eastern languages has gained them access to authentic records) to be often mistaken. In whatsoever case this may happen, I make no doubt but that I shall experience the exercise of their candour, as to the motives by which I was actuated, when I adopted any particular opinion, or mode of relation. The present disputes concerning some recent historical facts in this and the neighbouring countries, shew how extremely difficult it is to come at the truth, even when the researches after it, are made under every favourable circumstance that can possibly attend them.

# CONTENTS.

ľ	Jge.
Explanation of the Colouring of the Map	5 7
INTRODUCTION	XIX
Sketches of the History of the Mogul Empire -	$\mathbf{x}^{i}$
Sketches of the History of the Mahrattas ix	xix
Conquests of European Powers, since the downfall of the Mogul Empire	хc
General Division of Hindoostan, &c. into Provinces or States	viii
Division of the Memoir; with an Account of the Itinerary Measures of Hindoostan	3
SECTION L	
Construction of the Sea Coasts and Islands	8
SECTION II.	
The surveyed Tract on the side of Bengal; or that occupied by the Course of the Ganges, and its principal Branches -	48
SECTION III.	
The Tract occupied by the Course of the River Indus, and its principal Branches	65
Account of a Map of the Countries lying between the Head of the Ganges and the Caspian Sea	102
SECTION IV.	
The Tract fituated between the Kistna River, and the Countries traversed by the Courses of the Ganges and Indus	128
SECTION V.	
'Fhe Countries contained in that Part of the Peninsula lying, South of	
the Kiffna River	182.
SECTION OF THE SECTIO	
The Countries between Hindoostan and China -	215
SECTION VII.	
Tables of Distances in Hindoostan	235
APPENDIX.	
Account of the Ganges and Burrampooter Rivers -	255
The Geography of the Countries conference to the lower Pour 46 the	•
The Geography of the Countries contiguous to the lower. Part of the Course of the River Indus, &cc.	283.

### EXPLANATION of the Colouring of the MAP.

The Colours are used to point out the Boundaries of the principal States now existing in Hindoostan, and these are divided into six Classes, (viz.)

CLASS	I.	The BRITISH	Possessions; o	r those of	the East India	
		Company,	distinguished by	-	•	RED.

- II. The Powers in Alliance with the Company, by Yellow.
- III. The Mahratta States, by - Green.
- IV. The Nizam's Territories, by
- V. TIPPOO SULTAN'S, by PURPLE.
- VI. The Seiks, by - Blue.

The following are the Territories comprised in each Class.

#### I. BRITISH Possessions.—RED.

- 1 Bengal and Bahar, with the Zemindary of Benares.
- 2 Northern Circars.
- 3 Jaghire in the Carnatic.
- 4 Bombay, Salsette, &c.

#### II. BRITISH ALLIES. YELLOW.

- 1 Azuph Dowlah. Oude.
- 2 Mahomed Ally. Carnatic.

#### III. MAHRAYTA States - GREEN.

Light (	GREEN.
POONAH Mahrattas.  I Malwa. 2 Candeish. 3 Part of Amednagur or Dowlatabad. 4 Visiapour. 5 Part of Guzerat. 6 ————————————————————————————————————	TRIBUTARIES  1 Rajah of Jyenagur. 2 — Joedpour. 3 — Oudipour. 4 — Narwah. 5 — Gohud. 6 Part of Bundelcund. 7 Mahomed Hyat. Bopaltol. 8 Futty Sing. Amedabad. 9 Gurry Mundella, &c. &c.

#### Deep GREEN.

BERAR Mahrattas.

TRIBUTARY.

1 Berar.

2 Oriffa.

Bembajec.

IV. NIZAM-ALLY, Soubah of the DECCAN. -- OR ANGE. Golconda, Aurungabad, Beder, part of Berar, Adoni, Rachore, &c.

> V. TIPPOO SULTAN. -- PURPLE. Mysore, Bednore, Canara, Cuddapah, &c. &c.

> > VI. SEIKS .- BLUE.

Lahore, Moultan, and the western parts of Delhi. and the contract of a graph of a contract of

SMALL STATES, not distinguished by Colours.

- z Zabeda Cawn, now Golam Cawdir. Schaurunpour.
- 2 Jars. 3 Pattan Rohillas. Furruckabad.
- 4 Adjid Sing. Rewah, &c.
- 5 Bundelcund, or Bundela.
  6 Lircle Ballogiltan.
- 7 Cochin.
- 8 Travancore.

# For the ERRATA, see the lust Pages of the Book.

## INTRODUCTION.

INDOOSTAN, has by the people of modern Europe, been understood to mean the tract fituated between the rivers Ganges and Indus, on the east and west; the Thibetian and Tartarian mountains, on the north; and the fea on the fouth. But strictly speaking, the extent of Hindoostan is much more circumfcribe, than these limits convey an idea of: and the name ought to be applied only to that part of the above tract, which lies to the north of the parallels of 21° or 22°. The Nerbudda river, is indeed, the reputed fouthern boundary of Hindoostan, as far as it goes; and the fouthern frontiers of Bengal and Bahar, compose the remainder of it. The countries on the fouth of this line, according to the Indian geographers, go under the general name of DECCAN: and comprise nearly one half of the tract generally known by the name of the Mogul empire. But as the term HINDOOSTAN has been applied in a lax sense to this whole region, it may be necessary to distinguish the northern part of it, by the name of Hindoostan proper. This tract has indeed the Indus, and the mountains of Thibet and Tartary, for its western and northern boundaries: but the Ganges was improperly applied as an eaftern boundary; as it interfects in its course, some of the richest provinces of the empire: while the Burrampooter, which is much nearer the mark, as an eastern boundary, was utterly unknown. In this circumfcribed state, the extent of Hindoostan proper, is about equal to France, Germany, Boltemia, Hungary, Switzerland, Italy, and the Louis Countries, collectively: and the Deccan and penintula ac

d

about

about equal to the British Islands, Spain, and Turkey in Europe. I have here called the tract which lies on the south of the Kistna river, the peninsula; in conformity to general practice; although its form does by no means warrant it. The term Deccan, which signifies the south, is applied (as before-said) in its most extensive signification, to the whole region that lies on the south of Hindoostan proper: I apprehend, however, that in its proper and limited sense, it means only the countries situated between Hindoostan proper, the Carnatic, the western sea, and Orissa: that is, the provinces of Candeish, Dowlatabad, Visiapour, Golconda, and the western part of Berar.

The term India, by which this country, as far as it was known, is distinguished in the earliest Grecian histories, appears to be derived from Hind, the name given it, by the ancient Persians; through whom, doubtless, the knowledge both of the country and its name, were transmitted to the Greeks. We have the strongest assurances from Mr. Wilkins, that no such words as Hindoo, or Hindoostan, are to be found in the Sanscrit Dictionary. It appears that the people among whom the Sanscrit language was vernacular, styled their country Bharata\*; a name, which is, I believe, quite novel to the earst of the learned in Europe. It is probable then, that the word Hind surnished that of India, to the Greeks: and the termination stan, signifying country in the Persic, is of more modern date: for we find it joined to many of the ancient Persian names of countries; as to Dahæ, whence Dahestan:

See the notes to the Heeropades or Fables, recently translated from the Sanscrit (or Sanscreet) by Mr. William page of the Sanscrit language: which was that of ancient Hindoostan (or Bharata) but which cealed to be the vernacular tongue, soon after the Mahomedan conquest, in the 11th century. A few years ago, it was known only to the Pundits or learned Bramins; who religiously kept it from the knowledge of all but their own order: it being the facred depositary of their religious institutions, and mysteries; and which it was inconvenient to communicate to the vulgar, otherwise than through the medium of their own comments, and interpretations. The honour done Mr. Wilkins on this occasion, reminds us of the communications made to Herodorus, by the Egyptian Priests: and it is a fair inference, that the perfonal merit of both of these men, had a principal share in obtaining so distinguished a preference.

and Tapuri, is Taberi-stan; Corduene, Curdi-stan: together with many others. It has happened in the application of this name, INDIA, as on similar occasions; that is to say, it has been applied, not only to the country originally designed by it, but to others adjacent to, and beyond it \*: for the countries between Hindoostan and China, came to be called the further India; or India extra Gangem: whereas, Hind, or India, properly belonged only to the country of the people called Hindoos; or those of India intra Gangem. The name is as ancient as the earliest profane history extant: and this may serve among many other instances, to prove the high antiquity of the Persian language.

India has in all ages excited the attention of the curious, in almost every walk of life. Its rare products and manufactures, engaged that of the merchants; while the mild and inoffensive religion of Brama, and the manners inculcated by it, attracted the notice of philosophers. The structure of its language too, is remarkable; and has a claim to originality. It had been happy for the Indians, if they had not attracted the notice of a class of men more inimical to the happiness of mankind: for the softness and effeminacy induced by the climate, and the yielding nature of the foil, which produces almost spontaneously, invited the attacks of their more hardy neighbours; and rendered them an easy prey to every foreign invader. Hence we find them successively conquered by the Persians, Patans, and Moguls: and it is probable, that, like the Chinese, they have seldom had a dynasty of kings, from among their own countrymen. The accounts of 22 centuries ago, reprefent the Indians as a people who stood very high in point of civilization: but to judge from their ancient monuments, they had not

The term Lybia belonged at first only to the countries of Africa, that were colonized by the Greekt: but was afterwards applied by them to the whole continent. The Romans, is a similar manner, extended the manner of Agaron, which originally belonged only to the profitories of Carthage, to the whole continent: or, at least, to as much as they know of the Asia was applied at first only to Natolia; which took the name of Lussen Asia, attendants, when Asia was applied to all the known parts of that continent.

carried the imitative arts to any thing like the degree of perfection attained by the Greeks and Romans, or even by the Egyptians. Both the Hindoos and Chinese appear to have carried the arts just to the point requisite for useful purposes; but never to have approached the summit of perfection, as it respects taste, or boldness of design.

The principal monuments of Hindoo superstition are found in the peninsula. Some have concluded from this, and from other circumstances, that the original seat of the Hindoo religion, was there. Others, perhaps with more appearance of probability, suppose it to have originated on the banks of the Ganges. Monuments of a superstition, apparently anterior to the Hindoo, exist in the caves of Salsette and Elephanta, two islands on the western coast of India: these consist of apartments of extensive dimensions, excavated from the live rock, and decorated with figures and columns.

India was but little known to the Greeks until Alexander's expedition, about 327 years before Christ. HERODOTUS, who wrote about 113 years before, appears to have heard but indistinctly, of any but the western part of it; and that only, by its being tributary to Persia. He informs us (Book IV.) that Darius Hystaspes had dispatched Scylax of Caryandra to explore the Indus, about 508 years before Christ; and that he departed from Caspatyrus and Pactya, which were fituated near the head of the Indus. Herodotus continues to fay, that the Indians who inhabit towards the north, and border on these territories of Caspatyrus and Pactya, resemble the Bactrians, (that is, their neighbours) in manners: and are the soul validity propie of all India. The eastern part of India, fays he, is rendered defert by fands: which description applies only to the country lying east of the Indus, and fouth of the PANJAB \*: and this shews pretty evidently, that Herodotus's knowledge of India, as to particulars, extended no further, there to the above tract: and a collateral proof, is, that he does in the d

the Ganges, which became so samous, a century afterwards. Indeed, he tells us very plainly, that this sandy desert, was the extreme point of his knowledge eastward.

With respect to Scylax's discoveries, this is Herodotus's account. "Darius being defirous to know in what part, the Indus (which is the fecond river that produces crocodiles) runs into the fea, fent Scylax of Caryandra, with others of approved fidelity, to make the discovery. They departed in divers ships from Caspatyrus, and the territories of Pastya \*; failed down the river, eastward to the fea; and then, altering their course to the west, arrived in the 30th month, at that place, where the King of Egypt (Nechao) had caused the Phenicians I mentioned before, to embark in order to furround the coast of Lybia (Africa). After this voyage, Darius fubdued the Indians, and became master of that sea." Herod. Book IV. In another place, in the same book, he takes notice of fome Indian nations, fituated to the fouthward, very remote from the Persian conquests; and whose complexions were as black as Ethiopians: these ought to be the people of the peninsula. had also learned that they killed no animals, but contented themfelves with the produce of the earth; that they exposed those whom they deemed too ill to recover; lived chiefly upon rice; had horses of a smaller breed than their western neighbours; and that they manufactured their fine cotton wool into cloathing.

Now, after the above account of Scylax's expedition, can we give credit to the story of Alexander's supposing that he had discovered the head of the Nile, when he was at the Indus? Are we to suppose that Aristotle concealed the books of Herodotus from his pupil? Or, on the contrary, ought we not rather to believe, that the matter of them was on his mind: and that the discoveries of Scylax, made within 180 years of his own time, and of a kind.

I conclude that Partya, is the modern Pencily. See page 108 and 116 of the Memor. Some have supposed Caspagnar to mean Caspagnar: but this is improbable, from he made which is remote from the Indus.

that particularly interested him; were detailed to him; when we find them given incidentally in Herodotus?

The story of Alexander's surprise at seeing the tides in the Indus, appears to me equally improbable; feeing that the fame Herodotus (Book II.) speaks very particularly of the tides in the Red sea; and describes them as being not only strong, but ebbing and flowing every day. (That most intelligent and ingenious traveller, M. Volney, informs us, that the tide ebbs and flows three feet and a half at Suez). Arrian takes no notice of the tides until Alexander's fleet had arrived near the mouth of the river. true, that the tide in the Indus does not go up so high, as in other rivers of equal bulk, and that run on fo finall'a defeent; but nevertheless, as the tide is perceptible at 50 or 60 miles above the river's mouth \*, we may conclude that it could hardly escape the notice of Alexander and his people, in their voyage from Pattala to the sea: supposing they had not been apprized of the circumstance. Besides, Arrian's account of the coming in of the tide, which did so much mischief to the fleet, is descriptive of the BORE, or sudden in-·flux of the tide, in a body of water, elevated above the common furface of the sea; such as occurs in the Ganges, &co. He says, those ships that lay upon the sand, were swept away by the fury of the tide; while those that stuck in the mud, were set assoat again without damage. To the generality of readers, no reason will appear, why the circumstances of the ships should be different, in the mud, and on the fand: the fact is, that the bottoms of channels in great rivers, are muddy; while their shallows are formed of fand: and it is the nature of the bore to take the thorsest out up a river; instead of following the windings of the channel: confequently, it must cross the sand banks it meets in its way; and will also prove more destructive to whatever it meets with aground, than what is affoat.

The tide in the Indus is perceptible at about 65 miles above its mouth; according to the information of Mr. Callander, who resided a considerable time at Tatta, near the head of the data of the Indus.

In the Ganges the tides are perceptible at 240 miles up a subject the river Amazons, at 600.

It appears also from Herodotus (Book III.) that the parts of India bordering on the Indus, were subjected to regular tribute, if not totally reduced, under the Persian Government: for in enumerating the 20 Satrapies of Persia (under Darius Hystaspes) India is reckoned as one of them, and is rated the highest: it being affessed in the proportion of 4680 Eubean talents of silver, out of 14,560, the whole annual revenue. To explain this, the author informs us, that the Indians were very numerous; and that the tribute charged upon them, was proportionably great. It is worthy of remark, that this tribute was paid in gold, whereas that of the other Satrapies was paid in filver. Much light is thrown on this circumstance, by the intelligence furnished by the AVIN ACBAREE; namely, that the eastern branches of the Indus, as well as some other streams, that descend from the northern mountains, yield gold dust. (See page 108 of the Memoir.) We are told on the same occasion, by Herodotus, that gold was estimated about that time, at the value of 13 times its weight in filver.

Alexander's expedition furnished the Greeks with a more extensive knowledge of India: although he traversed only the countries mentioned by Herodotus: that is, the tract watered by the Indus, and its various branches, and adjunct rivers. But the spirit of enquiry was now gone forth: and the long residence of Megasthenes, the ambassador of Scleucus, at Palibothra, the capital of the Prasis, surnished the Grecians with the principal part of the accounts of India, that are to be found in Strabo, Pliny, and Arrian: for Megasthenes kept a journal, and also wrote a very particular account of what he had seen and heard, respecting India in general, during several years residence: which account existed in Arrian's time. His embassy was about 300 years before our æra.

The communication by land, between the Syrian empire and India, was dropt very early: for Bactria foon became independent: and by that means, the link of the chain that connected India with Syria, was broken. The Indian trade was about the factor time

5

transferred from Tyre to Alexandria in Egypt, where it flourished under the auspices of the Ptolemies, until Egypt became a Roman province; and was continued on a more extensive scale under the Romans themselves: nor did it forsake Alexandria, until the rediscovery of the passage by the Cape of Good Hope. I shall take occasion to speak more fully concerning the particulars of the navigation from the Red sea to India, hereafter.

This traffick opened to the Egyptians and Romans a knowledge of the coasts and products of India; as we find by various notices, in the abovementioned authors; and in Ptolemy in particular. But confidering how much the detail of the coasts was known to him, as is evident by his map (Tab. X. Asia) it is very extraordinary that the general form of it, should be so far from the truth: for he makes the coasts between the Indus and Ganges, to project only in a flight curve; whereas, they are known to form the fides. of a triangle, whose perpendicular almost equals its base: Cape Comorin, being the apex of it. Whoever compares the proportional dimensions of India, sound in Diodorus Siculus, Pliny, and Arrian, will find them tolerably just: and will be inclined to think that the worst set of ancient maps of India, has travelled down to us: and that Piolomy, in confirmating his map of that part, did not express the ideas of well informed people of his own time, on that subject. Pliny was about 60 years before Ptolemy; and Arrian about 20 years after Ptolemy: their accounts of the dimensions of India, were taken from Eratosthenes and Megasthenes.

Diodorus says that India is 32,000 stadia from north to south, and 28,000 from east to west: that is, the breadth is seven eighths of the length.

Arrian gives the measures collected by Eratosthenes and Megasthenes; and says that "India is bounded on the west by the Indus; on the north, by a continuation of Mount Taurus, called in different parts, Para-panisus, Emedus, and Himaus; and on the

#### [ xxvii |

fouth, by the ocean, which also shuts up the eastern parts of it \*. Few authors (fays he) have given us any account of the people, that inhabit towards the mouths of the Ganges, where PALIBOTHRA is situated."

From the mountains at the head of the Indus, to its mouth, according to Eratosthenes, is 13,000 stadia; and from the said mountains, to the eastern sea, the extent is somewhat less: but as a huge tract of land runs out 4,000 stadia into the sea (meaning the peninsula) it may be reckoned 16,000 studia. From Palibothra to the western extreme of India, measured along the great road, is 10,000 stadia: and the whole length (that is, from east to west) is 20,000 stadia. Arrian likewise gives the measures according to Megasthenes, who reckoned India 22,300 stadia from north to fouth; and 16,000 broad, from east to west; making that the breadth, which Eratosthenes reckons the length. We may observe, that Megasthenes's proportion, is, on the whole, the truest: for India is about 28 degrees of a great circle, in length, from north to fouth; or from the Indian Caucasus, to Cape Comorin: and about 20 in breadth, from the Indus to the mouth of the Ganges: and if we reckon from the most distant mouth of each river, it will be 22 degrees in breadth. This shews that Arrian had as just an idea of the proportional dimensions of India, as we had, 40 years ago: for we then reckoned it narrower than the truth, by at least two degrees. It is impossible to tell what length Megasthenes meant to express by a stade, as there appears to be so considerable a variation in the length of this itinerary measure, at different times: but by proportioning the number of stades, to the number of degrees, included in the above measures of India, by Megasthenes;

Here it would appear, that Arrian followed the geography of Alexander; who supposed India to be the most eastern part of Asia; and that the shore of the ocean, from the mouth of the Ganger, took a quick turn to the north and northwest: for he supposed the Caspian lake to be a guif of it. (Vide his speech on the banks of the Hyphasis.) But Ptolemy, as we given to understand, before the time of Arrian, described Serica, and the borders of Sine: that is, the countries bordering on the west and N W of China; the countries bordering on the west and N W of China; the countries bordering to the latitude of 50 degrees north.

there should be 800 studes in a degree of a great circle. M. D'Anville has at different times reckoned 1050, and 1100. I conceive it probable that Megasthenes gave the measures according to the road distance, from one extreme of the country to the other; and not according to the horizontal distance, or actual length, and breadth of the country. Part of the apparent differences, in the length of the stude, may arise from these different methods of reckoning distances.

Pliny gives the measures along the coasts between the mouth of the Ganges, and Pattala (or Tatta) in the mouth of the Indus, at 3320 miles (Roman miles I suppose, of 1000 paces.) The true measure of these coasts, rejecting the sinuoffeces, and attending only to the general form of it, is 40 degrees of a great circle. D'Anville allows 75 Roman miles to a degree; and by this rule, the above number of miles, will come out 44 degrees, instead of 40, the true measure. But if the pace be reckoned at 4 feet, 10,02 inches, English, there ought to be 78! Roman miles to a degree; and by this calculation, the 3320 Roman miles, will be 42°; or within \* part of the truth. Whichfoever of the two calculations may be adopted, it is clear that Pliny knew nearly the form of the peninfula; and that Ptolemy, who living at Alexandria, might be supposed to be in the way of obtaining the best information on the fubject, was in truth, ignorant of the general form of it, although he knew so much concerning the particulars.

Arrian's Indian history, which is extremely curious, and merits more notice than it commonly meets with, shews us how very little change, the Hindoos have undergone in about 21 centuries, allowances being made for the effect of foreign conquests; which, however, have produced fewer changes here, than they could have done, any where else: for customs, which in every country, acquire a degree of veneration, are here rendered sacred, by their connexion with religion: the rites of which, are interwoven with the product have done in any occurrences of life. To this, and to the securious the

rest of mankind, inculcated by the braminical religion, we are to ascribe the long duration of the Hindoo religion and customs; which are only to be extirpated, together with the very people, among whom they prevail: and which have been proof against the enthusiasm and cruelty of the Mahomedan conquerors; nay more, have taught a lesson of moderation to those conquerors; who at last saw no danger arising to the state, from a religion that admitted no proselytes.

We are at the first view surprised to find that Arrian, who professes to treat of India, should confine himself to the description of a particular part only; while he had authors before him, who had treated the subject at large. It may, however, be accounted for, in this manner, that he chose to follow those only, who had been eye-witnesses to what they wrote; not compilers: and it is pretty clear that his account of India, is meant chiefly to illustrate the history of his hero. The following particulars, selected from among others, will shew to those who are conversant with India, how nearly the ancient inhabitants, resembled the present. flender make of their bodies. 2. Their living on vegetable food. 3. Distribution, into fects and classes: and the perpetuation of trades in families. 4. Marriages at feven years of age: and prohibition of marriages between different classes. 5. The men wearing ear-rings; parti-coloured shoes; and veils, covering the head, and great part of the shoulders. 6. Daubing their faces with colours. 7. Only the principal people having umbrellas carried over them. 8. Two-handed twords: and bows, drawn by the feet. 9. Manner of taking elephants; the same as in the present age. 10. Manufactures of cotton, of extraordinary whiteness. 11. Mon-Hrous ants: by which the Termites, or white ants are meant; though exaggerated. (Herodotus Book III, also mentions the ants: and his account is more extravagant than Arrian's Wooden houses, on the banks of large rivers; to be seemently removed, as the river changed its course. 13. The Table tree, or

€ 2

Tal:

Tal; a kind of palm. 14. The Banian (or Burr tree) and the Indian devotees fitting under them.

We may perceive, however, on a reference to Arrian, that in many of the above particulars, he had either been indiffinctly informed, or else, mis-informed; as in the case of the Tal tree; the white ants (which he discredits, at the time he relates it) and the manner in which the people daub their faces. The wooden houses, are, as far as I know, peculiar to the fide of the Indus; and are remarked to be so, in the Ayin Acbaree. Arrian informs us, that he took his account of India from Nearchus and Megasthenes. In the account of the wooden houses, it may be perceived that he followed Nearchus; who seeing them on the side of the Indus, concluded they were in use, every where else. As to Megasthenes, Arrian thought he had not travelled far over India; although farther than Alexander's followers. This opinion may serve partly to explain, why Arrian did not preserve the journal of Megasthenes, by inferting it in his history of Alexander; or in his account of India.

His geography of India relates chiefly to the northern parts, or those seen by Alexander and Megasthenes. And his catalogue of rivers, most of which are also to be found in Pliny, and among which we can trace many of the modern names, contain only those that discharge themselves into the Ganges or Indus: such as Cainas, the Cane; Cossonus, Cosa, or Coss; Sonus, Soane; Condochates, Gunduck; Sambus, Sumbul, or Chumbul; Agoramis, Gogra; Commenases, Caramnassa, &c. &c.

Of the different hillories of Alexander that have travelled down to us, that by Arrian appears to be the most consistent; and especially in the geography of Alexander's marches, and voyage in the Panjab; which country, by the nature of its rivers, and by their mode of confluence, is particularly favourable to the task of tracing his progress. Diodorus and Curtius, had, or ought to have had, the same materials before them, as Arrian: that is, the journals or relations

relations of Ptolemy and Aristobulus; who as friends and companions of Alexander, had opportunities of being well informed. We may conclude also, that there were among the followers of Alexander, journalists of a very different stamp; and indeed, the experience of our own days, furnishes us with examples enough of that kind, to make it probable: and there are also to be found, compilers, who according to their tastes and dispositions, prefer the relation of the marvellous, to those of the sober and rational kind. Such as these, we may conceive Diodorus and Quintius Curtius to be; the latter particularly, under whose hand, every incident grows into a miracle or wonder. Arrian too, relates his wonders; but in such a manner, as not to commit himself: or, as if he meant rather not to withhold what he thought himself bound to communicate, than as if he believed them himself, or wished to inculcate a belief of them, in others.

It is to be regretted that Arrian did not preserve the journal of Megasthenes, as well as that of Nearchus. The loss of Bæton's, or Biton's book, which contained the geography of Alexander's marches, is also to be regretted. It existed in the time of Pliny, who quotes him: but I think, if Arrian had seen it, he would have been more particular in his geography, in certain places; as he ordinarily, studies to be. Certainly, Arrian had not read Herodotus attentively: otherwise he would not have passed over in silence, the voyage of Scylax, down the Indus; nor represented his hero, as being ignorant of so curious a fact as the tides must have appeared, to those who read the same book. But that he had read part of Herodotus, is evident by his quoting his opinion, respecting the delta of the Nile; and by an allusion to his account of the ants that dug up gold, in India, &c.

There is no reason to doubt that the Hindoo or Braminical religion was universal over Hindoostan and the Deccan, before the since of Alexander's conquest, if we regard the notices afforded in Herodotus and Arrian. Nor is it more extraordinary that was religion should

should prevail over India, although composed of distinct governments, than that the Christian religion should prevail over a larger tract in Europe; or the Mahomedan over a still larger tract in Europe, Asia, and Africa. But although there might be an univerfility of religion, there were, as the learned well know, many distinct languages: and history, both ancient and modern, gives us the most positive assurances, that India was divided into a number of kingdoms or states, from the time of Herodotus, down to that of Acbar. Not only Herodotus, Diodorus, Pliny, and Arrian, are politive, as to this point; but even Abul Fazil, who composed a history of the Indian provinces, in the reign of Acbar, in the 16th century. It is probable, that the almost universality of religion, and the union of fo large a portion of this vast region, under the family of Tamerlane (particularly under Aurungzebe) has occasioned an idea, though a very erroneous one, that the Mogul empire, fo called from the Mogul (or Mongul) dynasty, or that of Tamerlane, was always under one head.

But whatever kind of division may have taken place in the rest of Hindoostan, there appears to have been, generally, a large empire or kingdom, which occupied the principal part of that immense valley or plain, through which the Ganges takes its course: the capital of which has fluctuated between Delhi and Patna, as the limits of the empire have varied. That such a one does not exist at present, is probably owing to the Bengal provinces being in the hands of foreigners: but if we confider the union of interests between Bengal and Oude, the case is not effentially altered. Leave matters to their natural course whole valley will form one state again. The kingdom I speak of, was that of the PRASTI and. GANGARIDÆ, in the times of Alexander and Megasthenes: and which was very powerful, as appears by the strength of its armies, and the number of elephants trained to war. It feems to have tended westward to the Panjab country: and if Palibothra from the fite of Patna, as late accounts feem to render probable (fee page

of the Memoir) we may suppose that it included at least, part of Bengal. In effect, the kingdom of the Prasii could not well be of less dimensions than France: and the state of it (according to Arrian) was rich, the inhabitants good husbandmen, and excellent soldiers; governed by nobility, and living peaceably; their rulers imposing nothing harsh, or unjust, upon them. Those who are sonder of contemplating the silent happiness of a whole people, than of tracing the steps of a conqueror, will be gratised on restecting that Alexander stopt short, on the borders of the country above described.

The trade from the western world to India, which has ever enriched those who have carried it on, has often changed hands, and been turned into different channels. A passion for Indian manufactures and products, has actuated the people of every age, in lower Asia, as well as in the civilized parts of Europe: the delicate and unrivalled, as well as the coarfer and more useful, fabricks of cotton, of that country, particularly fuiting the inhabitants of the temperate regions, along the Mediterranean and Euxine feas. this trade, the Persian and Arabian gulfs, opened an easy passage; the latter particularly: as the land carriage between the Red fea and the Nile; and between the Red fea and the Mediterranean, took up only a few days. It is highly probable, and tradition in India, warrants the belief of it, that there was from time immemorial, an intercourse between Egypt and Hindoostan; at least, the maritime part of it: fimilarity of customs in many instances (as related of the ancient Egyptians, by Herodotus, and which can hardly be referred to phylical causes) existing in the two countries. The intercourse, we may conclude, was carried on, by sea; if we confider the nature of the intervening countries, and the feat of the manufactures: and it might, moreover, be expected, that a nation so enterprising as to undertake the circumnavigation of Africa (as there can be no doubt, the Egyptians did, under the Phatons) would scarcely leave unexplored, the coasts of a season much

hearer:

nearer; and which, from the regularity of the periodical winds, was so easy of access. Whether Solomon's profitable traffick included that of India, there are, I believe, no means of determining; but it appears highly probable that it did: as also that the voyages of three years, made by the ships that arrived at Tarshish (Tarsus, in Cilicia) were to the remote parts of Africa. We must carry in our minds, this fact, that Solomon's fleets were dispatched from the ports of the Red sea, as well as from those of the Mediterranean: David's conquest of Idumea (Edom) giving him possession of the ports in the north-eastern branch of the Red sea: that is, Eziongaber, &c. Tyre was founded about two centuries and a half, before this period: and from the very flourishing state she was in, under Hiram, the cotemporary of Solomon, it may be concluded that her merchants possessed the greatest part of the trade of the known world, at that time; and the trade of the east among the rest, in all probability. Commerce being so ready a way to riches. it is no wonder that so enlightened a Prince as Solomon, should profit by the example of his neighbours: and avail himself of his fituation, from the enlarged state of his kingdom, which extended from the Euphrates to the Red fea; and to the borders of Egypt (1 Kings, chap. 4. ver. 24: and 1 Chron. chap. 18. ver. 13.) and which opened to him, two of the great avenues to the east, by way of the Red sea, and the Persian gulf. M. Volney's idea, respecting the object that Solomon had in view, when he took possession of Tadmour, or Palmyra, is, in my opinion, no less probable, than ingenious: namely, to use it as an emporium of the East India trade, by way of the Persian gulf, and the course of the Euphrates. This was about 1000 years before our ziz. But Solomon's trade, notwithstanding, was merely temporary: and reminds us of some feeble efforts, made in our own days, by an inland Prince, who (in this respect, like Solomon) possesses two ports situated in oppofite shores of the continent; and who is constrained to borrow the mariners of the modern Tyre, as Solomon did those of the agreent.

Whether

Whether the Indian trade was carried on at the same time, by the Tyrians and Egyptians, as well as by the Judeans, cannot now be ascertained; but I think it probable that it might; and that, both by the route of the Persian gulf, and the Red sea; as we have seen it, in our days. But whatever might be the mercantile state of Tyre, in the days of Solomon, we find it about a century after, establishing a colony at Carthage; and about three centuries after that, its greatness was proverbial. I mean, about the date of Ezekiel's prophecy concerning it.

When Tyre fell into the hands of Alexander (Before Christ 332, and about 260 after the time of Ezekiel) that city was in full possession of the Indian commerce. The route of their trade from India, was up the Red sea to Eziongaber; and thence across the deferts to Rhinocorura, a town on the Mediterranean, and on the common frontiers of Palestine and Egypt: both of which countries were then in the hands of the Persians. From Rhinocorura, the goods were carried by fea to Tyre, and circulated from thence. The destruction of Tyre by Alexander, and the consequent foundation of Alexandria, turned the trade into a new channel: or rather perhaps, returned it into its ancient one, Egypt. The Ptolemies, into whose hands Egypt fell, on the division of Alexander's empire, bestowed a fostering care on the new emporium, which also became the capital of the kingdom. Ptolemy Philadelphus constructed a canal from Arsinoe (near the present Suez) to the Pelufiac branch of the Nile: and afterwards, possibly because of the tedious and dangerous navigation of the upper part of the Red ica, founded the city of Berenice on the western side of that sea, and nearly under the tropic (that is, 450 miles below Suez) from whence the merchandise was transported across the desert of Thebais, to Coptus on the Nile; and thence, down the stream of that river, to the neighbourhood of Alexandria; which thus became the centre of trade between the eastern and western world; and course, one of the most opulent cities in either. It would be rear,

f

that under the Ptolemies, the Egyptians extended their navigation to the extreme point of the Indian continent, and even failed up the Ganges to Palibothra.

Alexandria held its rank as an emporium, even after Egypt became a Roman province: and preferved it in a confiderable degree, during the various revolutions that happened in the east \*; until the re-discovery of the passage round the south point of Africa, about 300 years ago, turned the bulk of the Indian trade into an entire new channel; and from which it is not likely ever to be diverted.

Berenice continued to be the port of outfit for the Roman East India trade in the time of Pliny (A. D. 79) who details, in his fixth book, the account of the navigation to India; with many curious particulars relating to it: and among other matters, we may gather, that it was a complaint even in his time, that the trade to India, drained Europe of its riches. Pliny says, that it cost 50 millions of sestences every year (at 1s. 3d., 3,275,000l.) and yet the trade is not described as being extended to every part of India. I should apprehend a mistake in this statement: as the prime cost of the cargoes brought into England, from India and China, in any one year, has been little above three millions, freight included: and one would not expect that the value of the goods imported by the Romans, was equal to that, imported from China and Hindoostan, into England.

From Berenice it was reckoned 30 days navigation, down the Red sea, to Ocelis (Gella) just within the strait of Bab-el-mandel. Another port was Muza (Mocha) but Ocelis was reckoned the best, and most commodious for departure. From thence to Muziris, the first port of meschandise in India, was 40 days sail: so that, as they lest Berenice about midsummer, they might arrive in India in the latter end of August, when the violence of the SW monsoon was abated; and the coasting navigation, safe and easy.

<sup>\*</sup> The Venetian trade to the east, was by the channel of the Red its, and Thread in

## [ xxxvii ]

Pliny does not forget to mention that they departed with the west wind: and these 40 days sailing, would be about 15 days run, for an European ship, in the modern style of navigating: being about 1750 marine (the same as geographical) miles, on a straight course.

We are told that the first of these voyages were made by coasting the Arabian shore to the promontory Syagrus (Cape Rasalgate) and thence along the coast of Persia to the mouth of the Indus, &c. In the next age, a shorter and safer course was discovered: for from Cape Rasalgate, the ships made a direct course to Zizerus, a port in India; situated, as would appear by circumstances, on the northern part of the Malabar coast. After this, a direct course was made from the outlet of the Red sea to Muziris, as above related. It is probable, after all, that they coasted a great part of the Arabian coast, in order to reduce the length of that part of their course, that lay out of the sight of land: unless the habit of depending on the compass, has, in my idea, increased the difficulty of shaping a course without one.

Muziris is faid by Pliny to have been an incommodious place of merchandise, because the shallowness of the port, or river's mouth, made it necessary to discharge or take in the cargo in small boats, at a distance from the emporium: and besides, there was danger from the pirates, at Nitria. Another port, more commodious and better stored with merchandise, was named Barace (or Becare) in the country of the Niconidians; and as the pepper of Cottonara was brought to this place in small boats, it may be concluded that Barace was within, or near to the country of CANARA; which produces the best pepper in those parts, at the present day. After much study and investigation, I cannot apply to any particular spot, these ports of Muziris and Barace: for the Malabar coast abounds with parts of the above description: and it must be considered, too, that a thatlow port for one of the Roman traders, which, in the probability, were finaler than ours, would be reckoned. present times, no port at all. The circumflances of the prese

f 2 coast,

coast, and pepper country, however, confine us within certain limits: for, in the course to Muziris, the traders passed near the pirate's stations; and as these, by the lights which I have received from Pliny and Ptolemy, were nearly the same as the present (that is, between Bombay and Goa) I conceive the trading ports meant by Pliny, were situated between Goa and Tellicherry. The Periple of the Indian sea, and the geography of Ptolemy, throw some faint light on the subject.

Ptolemy's ideas are these: Tyndis (going southward) succeeds Nitria; then Muziris; Becare (which is one of the readings of Barace) Melcynda, or Neldynda, Cottiara; and then Comaria, or Cape Comorin; whose proper name is Komrin or Komry. And the Periple (my information is from M. D'Anville) enumerates in the fame order, Tyndis, Muziris, and Barace: allowing 500 stadia between each, respectively. No three places appear more convenient to this relative disposition, and to the circumstances of the pirate coast and pepper country, than Goa, Meerzaw (vulgarly, Merjee) and Barcelore, or Baffinore. The first, namely, Goa, is just clear of the pirate coast: having Newtya, possibly the Nitrias of Pliny and Ptolemy (near which the pirates cruifed on the Roman vessels in their way to Muziris) on the north-of it. The second place, Meerzaw, or Merjee, has even some affinity in sound, with Muziris; and is situated on a river, and at some distance from the sca. And Barcelore, or Bassinore, which may possibly be Barace, is one of the principal pepper factories, at present: and therefore answers so far to Barace. Nelcynda, I take to be Nelisuram: and do not, with M. D'Anville, suppose Barace to be the port of Nelcynda, but a distinct place. It is said by Pliny, to be situated within the kingdom of Pandion; which is pretty well understood to be Madura: or to be comprised, at least, within the southern part of the peninfula: and therefore, the farther fouth we go for Nelcynda, the less we are likely to err. But even all this in themjecture, as far as relates to particular politions: nor is it of much confe-

## [ xxxix ]

consequence: for we are clear that the ports of merchandise, must be situated, in or near to the country of Canara, the *Cottonara*, or pepper country of Pliny: that is, between Goa and Tellicherry; as before observed.

The ships returned from the coast of India, about the month of December, with the north-east monsoon: and when entered into the Red sea, they had a south, or south-west wind: so says Pliny. The voyage was made much within the compass of a year: and the profits are stated to be immense: but the particulars of the cargoes are not recorded.

There are no notices in Pliny (as far as I know) concerning any voyages of the Romans, to the gulf of Bengal, or to the peninfula of Malay (the golden Chersonese) although it is clear from Strabo, who wrote before Pliny, that the Ganges had then been failed up, as high as Palibothra. Ptoleiny's geography, faid to be composed about 60 years after Pliny, contains evident proofs that both of the Indian peninfulas had been explored: fuch is the mention of the pearl fishery, between Ceylon and the continent; the diamonds found on the banks of the Sumbulpour river; and the point from whence ships that traded to the Malay coast, took their departure (supposed to be Point Gordeware:) besides many names, that can hardly be mifunderstood in the application of them; as Arcati, the capital of the Soræ (or Sora-mandalum, from whence corruptly Choromandel) Mesolia, the district which contains Masulipatam; the river Cauvery, under the name of Chaboris, &c. The peninfula beyond the Ganges is also described in Ptolemy, as far as Cochin China, or perhaps, to the borders of China, or Sinæ. (See M. D'Anville's Antiquité Geographique de L' Inde.) We may here observe also, by the way, that the islands scattered over the gulf of Bengal, in Ptolemy, and probably meant for the Andaman and Nicobar islands; are most of them faid to beginhabited by Ausbrosophavi: and this idea has also been adamed by the modern navigators. Other islands, which may be there for for certain parts of Sumatra, or for some of the islands that lie extended along the western side of it, are also branded with the same character: and we find by Mr. Marsden, that it is generally belived, that man-eaters exist in Sumatra, even at this day. I refer the Bonæ Fortunæ island to the Great Andaman; and the 10 Maniolæ, to the northern Nicobars; being just the number of them: the 5 Barassæ, and 3 Sindæ islands, together with the 3 Saba-dibæ; are the islands I allude to, as being either parts of Sumatra, or islands near it.

## Sketches of the History of Hindoostan, fince the Commencement of the Mahomedan Conquests.

THERE is no known history of Hindoostan (that rests on the foundation of Hindoo materials or records) extant, before the period of the Mahomedan conquests: for either the Hindoos kept no regular liffories; or they were all defiroved, or feeluded from common eyes by the Pundits. We may judge of their traditions, by that existing, concerning Alexander's expedition: which is, that he fought a great battle with the Emperor of Hindoostan, near Delhi: and though victorious, retired to Persia, across the northern mountains: so that the remarkable circumstance of his sailing down the Indus, in which he employed many months, is funk altogether. And yet, perhaps, few events of ancient times, rest on better foundations, than this part of the history of Alexander (see Section III. of the Memoir) as appears by its being so highly celebrated, not only by his cotemporaries, but by leveral of the most relebrated authors, for force centuries following. As for the sides above referred to, in Herodoms, Pliny, and Arrive, Sec.

they are rather transient views of the then state of Hindoostan, with a general account of manners and customs; than a history. Not but that these accounts are infinitely more pleasing and satisfactory, than a history would have been, if it contained nothing more than that of the Mahomedan conquests: that is, an account of battles and massacres: an account of the subversion of (apparently) one of the mildest, and most regular governments in the world, by the vilest and most unworthy of all conquerors: for such the Mahomedans undoubtedly were, considered either in respect to their intolerant principles; contempt of learning, and science; habitual sloth; or their imperious treatment of women: to whose lot, in civilised societies, it chiefly falls, to form the minds of the rising generation of both sexes; as far as early lessons of virtue and morality may be supposed to influence them.

The travels of Cosmas in the 6th century, and of the two Mahomedan travellers in the 9th, afford few materials for history: and but little can be gleaned from Marco Paulo, who crossed the peninsula, and went up the western side of it, to Guzerat, in the 13th century. Indeed, it is exceeding difficult to refer any incident related in this last author, to any particular country; as the geography of his travels is an enigma, for the most part.

It is chiefly to Persian pens that we are indebted for that portion of Indian history, which we possess. The celebrated Mahomed Ferishta, early in the 17th century, compiled a history of History stan, from various materials; most of which, in the idea of Col. Dow (who gave a translation of this history to the world, about 20 years ago) were collected from Fersian authors. The Mahabarut, an historical poem of high antiquity, and which I understand, Mr. Wilkins is now translating from the original Sanscrit (as he has already done an episode of it, under the title of Bhagvat Geeta) is supposed to contain a large portion of interesting historical matter: but if the father of Grecian poetry made so total acceptance in the story of Helen, in order to give a full scope to the story in an entire to give a full scope to the story in an entire to give a full scope to the story in an entire to give a full scope to the story in an entire to give a full scope to the story in an entire to give a full scope to the story of the stor

tion; what fecurity have we that another poet may not mislead us in matters of fact; that is, in all that is valuable in history, confidered as fuch? Mr. Dow was far from supposing that the Hindoos were destitute of genuine histories of their own country: he was not indeed acquainted with the Sanfcrit language, in which they must be written, if at all: but founded his belief on the information of people on the spot. If the specimens of early Hindoo history given in the Ayin Acbarce, are akin to those which Mr. Dow had in contemplation, I confess I can place no dependance on The most valuable part of Ferishta's history, he allows to be that, posterior to the first Mahomedan conquests, about the year 1000: and the following abstract of it is offered to the reader's notice, in order to fix in his mind, an idea of the successive changes in the state of the empire of Hindoostan; which from a pure Hindoo government, became a Mahomedan one; and continued to be fo, under various dynasties of Monarchs, from Persia, Afghanistan, and Tartary; until the beginning of the present century: these Princes, moreover, adding to the original country of Hindoostan, all the other provinces situated within the Ganges. This unweildy state then dropping to pieces, anarchy succeeded; which in most parts of it, is fearcely composed at prefer and which had nearly given rife to a new Hindoo empire, under the Mahrattas: but the intervention of foreign powers, prevented it. Lastly, one of those foreign powers seizing on the fairest provinces, and taking the lead in the empire, although removed from it, the distance of an actual route of fifteen thousand miles \*!

Even after the commencement of the Mahomedan conquests, we find little more in Feriffice. The histories of the empire of Ghizni (or Gazna) and Delhi, until the subjection of all Hindoostan, by the Patan Emperors in the beginning of the 13th century: for Hindoostan continued to be divided into a number of separate

No part of the Roman empire, was distant from its capital, by the most circuitous more than 2800 miles.

kingdoms, each of which, required a particular history: and of which we know only such parts of it, as were interwoven with the history of the conquering country. Many of these old Hindoo kingdoms, bore the same names as the present soubahs (or vice-royalties) do; and had, probably, nearly the same limits. The history of the Deccan, is yet more obscure than that of Hindoossan: being brought into view later, as the Mahomedan conquests extended thither: and which began to encroach on it about the year 1300, although the entire conquest of it, was not made until late in the 17th century.

It may be observed that the first Mahomedan conqueror who made any establishments; that is, Mahricood, found little less difficulty in subduing the country, than the latter conquerors did; when so many kingdoms were united under the Patan Emperors: for these kingdoms, now become provinces, were too extensive, and composed of materials too discordant to unite properly: not to mention, that they were never long enough united, to produce the happy effects resulting from a long period of intercourse under one common head, and which affimilates the whole into one mass, like the French or British provinces. And this must ever be the case. in very extensive empires, where a delegation of great powers, and distant situation, prepares the provinces for independency, whenever the supreme government happens to be placed in weak hands. Hence, Hindoostan, even under the Moguls, may be considered only as a collection of tributary kingdoms; each accustomed to look no farther than to its own particular Viceroy; and, of course, ever in a state to rebel, where the issuecility of the Emperor, and. the ambition of the Viceroy, formed a favourable conjuncture. this must be attributed the little resistance that was made to the arms of Tamerlane, Baber, Humaioon, and Nadir Shah; although so many provinces were at those times united, under one Prince.

The first Mahomedan conquests that led to permanent establishments in Hindoostan, were those of the beforementioned Mahinood, Emperor of Ghizni: for I make a distinction between these, and the first irruptions of the Mahomedans; which left such slight traces behind them, as to be scarcely apparent. Among others, was that of the Caliph Valid in the first century of Mahomedanism. The empire of Ghizni was founded by Abistagi, Governor of Korasan (A. D. 960) who revolted from the King of Bucharia; whose ancestor, in his turn, had arisen to power, on the ruins of the Caliphat empire, about 7 years before. Ghizni confifted chiefly of the tract, which composed the kingdom of Bactria, after the division of Alexander's empire: that is, the countries lying between Parthia and the Indus; and fouth of the Oxus\*. Ghizni (or Gazna) a city placed among the western sources of the Indus. and not far from the Indian Caucasus, was the reputed capital: though Balk or Balich claimed this honour, likewise.

Mahmood (commonly styled Sultan) was the third in succession from Abistagi: and was himself the son of Subuctagi, who appears to have meditated the conquest of the western part of India; and, like Philip, left his projects, as well as his kingdom, to his son. Subuctagi had carried his arms across the single and the Panjab; but made no establishments: for we find, that at the time of his son Mahmood's invasion, a Prince of the Bramin race, or religion, named Jeipal, possessed the whole country, along the east side of the Indus, to Cashmere; and that he had the Kings of Delhi, Agimere, Canoge, and Callinger, for allies: so that it may be concluded, from the circumstance of the frontier provinces being under a Hindoo government; and from the state of the Hindoo religion, throughout the scene of Mahmood's conquests; that the Mahomedans, whatever ravages they might have committed, previous to this time, had not, as we have before observed.

<sup>\*</sup> The reader is requested to consult the map at page 102, for the countries lying between the Indus and the Caspian sea.

formed any establishment in Hindoostan: but that the whole country was perfectly Hindoo, at the time of Mahmood's conquest. It must be observed, that I do not class the country of Cabul, or any of the provinces on the west of the Indus, as belonging to Hindoostan proper.

Before Mahmood began his first expedition into India, which was only three years after his accession, he extended his empire northward, by reducing Bucharia; from whose king, his ancestor had revolted, as has been observed above.

In A. D. 1000, he entered Hindoostin: but in the course of eight years, he made no further progress than Moultan. The people of Moultan, who were the Malli, and Catheri (that is, the Kuttry or Rajpoot tribe) of Alexander, must have preserved their ancient spirit, to be able to oppose, for so long a time, such formidable armies, headed by fo furious an enthusiast. In 1008, we find all the Hindoo Princes, from the west of the Ganges to the river Nerbudda, united against him, for the common defence of their religion; the extirpation of which, was to Mahmood, an object equal to that of the acquisition of territory, or subjects. may be doubted whether the acquifition of subjects, the rational end of conquest, ever enters into the minds of barbarous conquerors; fuch as this Mahmood, Tamerlane, or Nadir Shah. One would rather suppose the contrary; or, at least, that they were totally indifferent about it, by their massacres and exterminations. The confederate Hindoos were defeated: and Mahmood's first essay towards effecting the downfall of their religion, was the destruction of the famous temple of Nagracut, in the mountains bordering on the Panjab country. His next expedition, being the fixth; was in 1011; when Tannasar, a more celebrated place of Hindow worship, on the west of Delhi, experienced a like fate with Nagracut; and the city of Delhi itself, was taken at the same time. In 1018, he took Canoge, and also destroyed the temples of Matra, or Matura, (the Methora of Pliny) a city of high anti-

quity.

quity, and no less an object of religious veneration, near Agra. After this, turning his arms against the Rajpoots of Agimere, he found either them, or their country, which is full of mountains and fastnesses, too strong for him.

His twelfth expedition, in 1024, was fatal to the celebrated temple of Sumnaut, in the peninfula of Guzerat, adjoining to the town of Puttan, on the sea coast; and not far from the island of Diu, now in the hands of the Portuguese. His route was by Moultan and Agimere, the citadel of which he was compelled to leave in the hands of the enemy: and in croffing the defert, between it and Moultan, he hazarded the loss of his army, for want of water. The destruction of Hindoo temples, with their Priests and votaries, appears to have afforded this monfter the highest delight. Nothing offends our feelings more, than the progress of destruction urged by religious zeal: as it allows men to suppose themselves agents of the Divinity; thereby removing those checks which interfere with the perpetration of ordinary villiany; and thus makes conscience a party, where she was meant to be a judge. Such also was Tamerlane: but to the alleviation of the misfortunes of the Hindoos, the enthuliaim of Mahomedanium had loft its edge, before the invalion of Nadir Shah. Had this predominated in his favage nature, the whole scene of his conquests, must have remained a folitary desert.

The city of Nehrwalla, the ancient capital of Guzerat, together with that whole peninfula, fell into the hands of Mahmood; who died four years afterwards (1028) possessed of the eastern, and by much the largest part of Persia; as well as, nominally, of all the Indian provinces from the western part of the Ganges, to the peninsula of Guzerat; and from the Indus, to the mountains of Agimere: but the Panjab was the only part of it, that was subjected to regular government, under the Mahomedans; as being in the vicinity of the Ghiznian empire. As for the Rajpoots of Agimere, they still preserved their independance, among their rugged moun-

tains, and close vallies; and not only them, but in a great measure, down to the present time: being in respect of Hindoostan, what the country of Switzerland, is to Europe; but much more extensive, and populous. From Mahmood to Aurungzebe, the Indian conquerors were contented with the nominal subjection of those hardy tribes: among whom, military enthusiasm, grafted on religious principles, is added to strength and agility of body; and this race is disseminated over a tract equal to half the extent of France. It goes under the general name of Rajpootana: and is the original country of the Mahrattas; who about 30 years ago, aspired at universal empire in Hindoostan.

The Ghiznian empire, subject to the same causes of decay, with other unweildy states of rapid growth, was in 1158, forcibly divided: the western and largest part, and which still retained the ancient name of the empire, being seized on by the family of the Gaurides (so denominated from Gaur, or Ghor, a province and city, lying beyond the Indian Caucasus) while the provinces contiguous to both shores of the Indus, remained to Chusero, or Cusroe, who fixed his residence at Lahore \*. And even his posterity, were in 1184, driven out of their kingdom, by the Gaurides. The Mahomedans, thus become nearer neighbours to the Hindoes, by fixing their refidence at Lahore, extended, as might be expected, their empire eastward; Mahomed Gori, in 1194, perpetrating, in the city of Benares, the fame scenes as Mahmood had before done, at Nagracut and Sumnaut. Benares was regarded as the principal univerfity of Branching barning wand we may conclude that about this period, the Sanfcrit language, which was before the current language of Hindoostan, began to decline in its purity, by the admixture of words from that of the conquerors; until the language of Hindooftan became what it now is: the original Sanfcrit, preferved in their ancient writings, becoming a dead language. Such

For the date, of the reigns of the Emperors of Hindooffan, the realistic a Chronological Table, at the end of the Introduction.

mutations have taken place in every country, where the conquerors have been numerous enough to effect it: the Saxon language was at the same period suffering from the Norman conquest, what the Sanscrit did from the Ghiznian. Mahomed Gori also carried his arms to the south of the river Jumna, and took the fortress of Gwalior; which then gave name to a kingdom, that has since composed nearly the soubah of Agra: he also reduced the eastern part of Agimere.

The death of this Emperor, in 1205, occasioned a new division of the Ghiznian empire, the Persian part remaining to Eldoze, and the Indian part to Cuttub, who founded the Patan or Afghan dynasty in Hindoostan. The Afghans originally inhabited the mountainous tract lying between India and Persia, or the ancient Paropamisus. Before the elevation of Cuttub, to the throne, he had carried his arms, under Mahomed Gori, into Agimere and Guzerat. Lahore was his capital, originally: but the necessity of fixing the imperial residence, nearer to the centre of the new conquests, occasioned him to remove to Delhi. It may be observed of the capitals of states, in general, that such as are neither emporiums of trade, nor meant as citadels in the last resort, are (as it were) attracted towards the quarter, from whence hostility is either intended, or expected.

The Emperor Altumsh, who succeeded to the Patan throne, in 1210, completed the conquest of the greatest part of Hindoostan proper. He appears to be the first Mahomedan that made a conquest of Bengal; the government of which was from this time bestowed on one of the reigning Emperor's sons. It was during this reign (1221) that Gengiz Cawn, among his extensive conquests (perhaps the most so, of any conqueror in history) accomplished that of the empire of Ghizni; putting an end to the dynasty of Charasm, which then occupied that throne: and driving before him, the unfortunate Gelali, son of the reigning Emperor; who swam the Industo avoid his sury. Gengiz, however, left Hindoostan undisturbed.

6 About

About A. D. 1242, the Moguls, or Munguls, successors of Gengiz, who possessed, or rather over-run, the countries on the north-west of Hindoostan, made several irruptions into it: and Turmechirin Khan, is reported by Shereseddin (the historian of Timur) to have carried his arms into the Dooab; but without making any establishment. Ferishta takes no notice of the progress of this desultory conqueror, but only describes the inroads of the Moguls into the Panjab; which now frequently happened: although it was not till more than 150 years afterwards, that, under Timur, or Tamerlane, they penetrated to the centre of India. Ferishta describes also an irruption of Moguls into Bengal, by way of Chitta and Thibet, in 1244.

I have before observed, that the provinces of Hindoostan were held rather as tributary kingdoms, than as provinces of the fame empire: and that they seldom failed to revolt, when a favourable opportunity offered. In 1265, Malwa regained its entire independance from the crown of Delhi; having gradually shaken off the yoke, laid on it by Cuttub, in 1205. and the Rajpoots were on every occasion, notwithstanding their comparative vicinity to the capital, afferting their independency likewise. Of the state of the internal government of Hindoostan, a judgment may be formed, by the punishment inflicted on the Mewatti, or the Banditti tribe, which inhabit the hilly tract, within 80 miles of Delhi. In 1265, 100,000 of these wretches, were put to the sword; and a line of forts was constructed, along the foot of their hills. Rebellions, massacres, and barbarous conquests, make up the history of this fair country, which to an ordinary observer, seems destined to be the paradise of the world: the immediate effect of the mad ambition of conquering more than can be governed by one man: the whole empire being portioned out to rapacious Governors, who domineering over the governed, until their spirits were sufficiently debased; were at last able to persuade them, that their common interest lay in taking up arms, to render these Governors independant:

dant: and indeed, had it brought them nearer to the point of having a regular, permanent, government, this might be true: but, in fact, it only subjected them to a new conqueror; or to the punishment of rebellion from the former one. It would appear as if the warm climates, and more especially the open countries, fituated within them, were destined to be the seats of despotism: for that the climate creating few wants, and the foil being productive without any great exertion; the inhabitants of it do not possess those energies, that in a cooler climate prompt mankind to investigate their natural rights, and to affert them. This, however, is a point that I shall not venture to decide on; although I believe it is a fact not to be disputed, that throughout the known parts of the world, despotism prevails most in the warm climates. The Patan, Mogul, and Tartarian conquerors, in Hindooftan and China, however hardy at first, have in a course of ages, sunk into the same state of effeminacy with their subjects: and, in their turn, have, with them, received a new master. Let those who are in the habit of complaining of the severity of northern climates, reflect, that whatever phyfical evils it may produce, it matures the great qualities of the mind; and renders its inhabitants pre-eminent among their species: while a flowery poet, or a more flowery historian, is the most eminent production of the tropical regions.

While the Kings of Delhi were profecuting their conquests in the east and south of Hindoostan, the provinces on the west of the Indus, were, of course, neglected; although not avowedly relinquished. It might have been expected, that so excellent a barrier as the upper part of the Indus, and the deserts beyond Agimere, would have induced an Emperor of Hindoostan, to give up, of choice, all the provinces that lay on the west of this frontier: and the neglect of so prudent a conduct, occasioned the peace of the empire to be often disturbed; and ended in their being forcibly taken away at last, by the Moguls: who, not contented with their new acquisitions on the west of the Indus, crossed that river and invaded

invaded the Panjab: and so formidable did they appear to Ferose II. that some tribes of them were permitted to settle in that country (A. D. 1292.) The reader will not forget the similar conduct of the Roman Emperor Valens, with respect to the Goths, who were permitted to cross the Danube, and settle in Thrace: and the similitude is the more striking, in that the Hindoostan empire was afterwards conquered by the assistance of the descendants of those Moguls. This Ferose II. was of the tribe of Chilligi or Killigi (from Killige, near the mountains of Gaur) but is, nevertheless, included in the Patan dynasty: the name Patan, or Pitan, being applied rather in a loose manner, to all the tribes bordering on the common frontiers of India, Persia, and the province of Balk: that is, the ancient province of Parapamisus.

In 1293 this Emperor gave into the scheme of attacking the Deccan; which, at this period, must be understood to mean the country lying generally to the south of the Nerbudda and Mahanada (or Cattack) rivers: a tract nearly equal in extent to what he already possessed in Hindoostan; and which extended from the shores of the Indus, to the mouth of the Ganges; and from the northern mountains, to Cattack, Sirong, and Agimere: the greatest part of Malwa, with Guzerat, and Sindi, being then independent. The riches of the King of Deogire (now Dowlatabad) one of the principalities or states of the Deccan, gave birth to this project; and the projector was Alla, Governor of Gurrah, which nearly bordered on the devoted country. The covetousness of the Emperor made him embrace a proposal, which eventually involved in it, his own ruin; for Alla afterwards deposed him, by means of that very plunder.

Alla's first expedition was attended with the capture of Deogire (or Deogur) and with it, an incredible quantity of treasure and jewels: with which, having increased his army, he deposed and murdered the Emperor. We cannot help acknowledging the justice of this punishment; when we recollect the motives, on which

h the

the expedition to the Deccan, was undertaken: and that moreover, the Emperor had been bribed by Alla, with part of the plunder, taken in a former predatory expedition to Bilfah.

When Alla (who was the first of the name) had possession of the throne, in 1295, he began his plan of conquest, by the reduction of Guzerat; which, while it continued independant, was, by its local situation, a strong obstacle to his designs on the Deccan. Next, he reduced Rantampour, and Cheitore, two of the strongest holds of the Rajpoots, in Agimere. This was the first time that Cheitore had fallen to the Mahomedans. In 1303, he also reduced Warangole, the capital of Tellingana, another principality of the Deccan; and comprehending nearly the present country of Golconda. This, as well as Cheitore, was a city and fortress of vast extent, and population. But in the midst of these conquests, and probably the effect of them, the watchful and restless Moguls, from the opposite quarter, penetrated even to Delhi; and plundered the suburbs of it.

In the following year, the remainder of Malwa, was conquered: and in 1306, the conquest of the Deccan was resumed, under Casoor, the General of Alla; who proceeded to the Decgur country, by the route of Baglana, which he reduced in his way: and which Ferishta \* calls the country of the Mahrattas. Casoor not only carried his arms into Decgur (Dowlatabad) and from thence into Tellingana, but into the Carnatic likewise, in 1310. By the Carnatic, is here meant the peninsula in general, lying on the south of the Kistna river. It is not known, how far he penetrated, southward, but he was directed by Alla, to reduce MABER, which we understand to comprehend the southern part of the peninsula. His expedition appears to be rather predatory, than otherwise; agreeable to the genius of his master, Alla. The quantity of treasure

<sup>\*</sup> It is to be regretted that Col. Dow, did not give a literal translation of Perilita, as a text; and add his own matter, or explanations, in the form of notes. We bould then have been able to distinguish the one from the other.

amassed, exceeds all belief. It was said that silver was found too cumbersome for the soldiery; gold being in such plenty. The historian observes on this occasion, as well as on the taking of Deogur, that the Princes of the Deccan had been for a great number of ages, amassing this treasure: so that their country had probably continued undisturbed all that time.

In 1312 Cafoor ravaged the northern part of the Deccan again, and laid Tellingana and the Carnatic under a tribute: but the entire conquest of those countries was not effected until about three centuries afterwards, under the latter Princes of the house of Timur. Alla died in 1326. At this period all Hindoostan proper was comprehended in the Patan empire (so called from the dynasty in possession of the throne): and the interior policy is said to be so well regulated, that strangers might travel throughout the empire, in persect security.

Rebellions breaking out in Tellingana, in 1322, and 1326, it was again subjected: and the whole Carnatic ravaged from sea to sea. But under a succeeding Emperor, Mahomed III. the Princes of the Deccan affumed courage, and headed by Belaldeo, King of the Carnatic, they drove the Mahomedans entirely out of those countries; nothing remaining to them, save the fortress of Dowlatabad (or Deogur). About the same time (1344) the city of Bijinagur, corruptly called Bisnagar, was founded by the same Belatdeo. Mahomed, who appears to have been a weak Prince, left much territory, also, by rebellions in Bengal, Guzerat, and the Panjabe mess while he was occupied in attempting the conquest of China, but was repulsed on the montier. It is probable, from circumstances, that he went by way of Assam. This Emperor also planned the abfurd scheme of transferring the seat of government from Delhi to Dowlatsbad and attempted it twice, but without Licetic

Ferofe III. what is presented in 1351; appeared more defined improving the remains of the empire, after the defections

h 2

andi

and the Deccan, &c. than of extending it, by arms. Canals, and public works, for the improvement of agriculture, and of the inland navigation, were his favourite objects, during a reign of 37 years. (See the Memoir, page 72.) The Moguls made another irruption in 1357, and the time now approached, when a more ferious one was to take place under Timur, or Tamerlane. the death of Ferose, in 1388, rebellion and civil war, during a course of several years, prepared the empire for soreign subjection: and a minority, in the person of Mahmood III. who succeeded in 1393, brought matters to a criss. During the confusions attendant on the state of a minority, in an empire which could with difficulty be held together, by a veteran despot, the historian remarks an unufual circumftance: two Emperors in arms against each other, residing within the same capital. In this state of things, Timur, who had already extended his empire over all the western Asia and Tartary, turned his arms towards Hindoostan in 1398. In the preceding year, he had fent his grandson Peer Mahomed, to reduce the Panjab, and Moultan; and in October, croffed the Indus himself; and joining his grandson near Moultan, his army proceeded in different divisions to Delhi, which submitted, without what may be properly termed, a battle. This inhuman monster, who had credit enough with a poet of the present century, to be brought on the stage, as a hero, possessing great and amiable qualities, obtained in Hindoostan, the title of "the destroying Prince:" and was truely worthy of it, from the numerous massacres and exterminations executed under his immediate direction. Timur staid in Delhi only 15 days: and then appears to have been on his return to the feat of his empire, when, hearing of a fortress in the Dooab, that had refifted the arms of a former Mogul invader (Turmecherin Khan) he marched towards it and took it. From thence he proceeded to the place where the Ganges iffice out of the mountains, and where the Hindoos refort at certain featons, in vast Hinbers, to pay their adorations to, and to purify themselves in that facred

facred stream. His object was the extermination of these inoffenfive people; and he partly succeeded. From this place, turning to the north-west, along the foot of Mount Sewalick, he continued his massacres, though not without opposition, until he arrived on the frontiers of Cashmere. He spent little more than five months between the time of his croffing and recroffing the Indus: and appears to have paid more attention to seasons than Alexander did: as Timur chose the fair season for his expedition, whereas Alexander was in the field in the Panjab, during a whole rainy feafon (fee Memoir page 101). Timur, however, may be faid rather to over-run. than to subject, or conquer: for he did not disturb the order of fuccession in Hindoostan, but left Mahmood on the throne: reserving to himself the possession of the Panjab country only; and this, his fuccessors did not retain long. His views were at this time, directed towards the Turkish empire; and this made him neglect India; which did not promife so plentiful an harvest of glory, as the other. During his life, which ended in 1405, he was prayed for in the mosques of Hindoostan, and the coin was struck in his name: but this might be more the effect of policy in the usurpers of Mahmood's throne, than the act of Timur. It does not appear from Ferithta, any more than from Sherefeddin, that this Prince carried much treasure, out of Hindoostan, with him. But Nadir Shah's acquisition of the precious metals, at a later period, was great, beyond all ideas of accumulation, in Europe: and is only to be accounted for, by the influx of those metals from America, during that interval.

For the geography of Timur's marches, the reader is referred to the third fection of the Memoir; and to the map.

If Hindoostan was in confusion before this invasion, it may be expected that on Timut's departure, matters became much worse. The death of Mahmood happened in 1413, and with him ented the Patan dynasty, sounded by Cuttob, in 1205. The throng the then filled by Chizer, a Scid (that is, one of the mice of the pro-

phet Mahomed) whose posterity continued in it, until 1450: when Belloli, an Afghan of the tribe of Lodi, took possession of it, on the abdication of Alla II. under whom all Hindooftan fell into separate governments; and a potentate, styled King of the East, whose refidence was at Jionpour, in the province of Allahabad, became the most formidable, among them: while the King of Delhi, had but the shadow of authority remaining to him. The fon of Belloli recovered a confiderable part of the empire; and in 1501, made Agra the royal residence. It was during this reign, that the Portuguese first accomplished the passage to India, by the Cape of Good Hope: but as their connexions were entirely with the maritime parts of the Deccan; and a part of it that had ever been independant of Delhi, no notice of this event, is taken by Ferishta. The empire fell again into utter confusion, under Ibrahim II. in 1516; and this paved the way for the conquest of Hindooftan, by Sultan Baber, a descendant of Tamerlane and of Gengiz Kan; who reigned over a kingdom composed generally of the provinces fituated between the Indus and Samarcand. possessed of the northern parts of his dominions, by the Usbecs, he determined to try his fortune in Hindoostan, whose distracted situation flattered his hopes of conquest. His residence at this time was at Cabul, from whence he undertook his first expedition across the Indus, in 1518. After this, he made four others: and in the fifth (A. D. 1525) he defeated the Emperor of Delhi, and thus put an end to the dynasty of Lodi. It is said that Baber crossed the Indus, this last time, with only 10,000 chosen horse; the enemy's Generals, by their revolts, furnishing him with the rest of his army. In this, we have a fireth infrance of the small dependance that the Hindoostan Emperors could have, on their Viceroys and Generals. Baber reigned only five years in Hindoostan; during which, his chief employment was the reduction of the eastern provinces. Nor did he relinquish his Persian provinces, by crossing the Indus. His fon, Humaioon, succeeded him in 1540; but

the short reign of Baber, did not allow time enough to compose the distractions that had so long prevailed; or to exterminate the feeds of rebellion: for the intrigues of his brothers, and the open rebellion of Sheer Kan, drove Humaioon, although a Prince of confiderable abilities, and great virtues, from his empire, in 1541. His flight towards the Indus, and his sojourn among the Rajpoot Princes of Agimere, furnishes a striking picture of royal distress. During his stay there, his fon Acbar was born, whom we may reckon among the greatest of the Sovereigns of Hindoostan. The provinces on the west of the Indus were held by a brother of Humaioon. The usurper Sheer, did not long survive his new dignity; being killed at the fiege of Cheitore in 1545: and was buried at Saseram in Bahar, his original estate; in a magnificent mausoleum, which he had ordered to be constructed, during his life time: and of which, a drawing has lately been exhibited in this country, by Mr. Hodges. Sheer Kan was of Afghan origin; and held the foubahship of Bahar, when he rebelled: and at his death, his empire extended from the Indus to Bengal. He left his throne to his fon Selim, but so very unsettled was the state of Hindoostan, that no less than five Sovereigns appeared on its throne, in the course of o years. In effect, there could not exist in the minds of the people, any idea of regular government, or regular succession: for there had fearcely ever been 12 years together, during the laft, or the present century, without furnishing some example of successful rebellion. This induced a strong party in Hindoossan, to invite Humaioon back; and accordingly, in 1554, he returned, and met with but little relistance: but died in consequence of an accident, the following year. He was celebrated for the mildness and benevolence of his nature: and his return, notwithstanding the shortness of his reign, was a public bleffing; as it was the means of feating his fon Actor quietly on the throne. When he was driven from his empire, by Sheer, he resided with Shah Tamasp, of Reria, who

who aided him in the recovery of it: and in the early part of his exile, he recovered possession of the provinces beyond the Indus.

Acbar was about 14, when his father died, in 1555. The reign of this Prince has been celebrated by the pen of the famous Abul Fazil, in a book called the Acbar-namma, or history of Acbar. The bufiness of this sketch, being rather to give a fort of chronological table of events, than to aim at a circumstantial history, I shall not attempt to particularize the great events of this long and bufy reign of 51 years: but refer the reader to the history of Hindoostan, by Col. Dow: in which, not only a full account of Acbar, but also of his descendants, down to Aurungzebe, will be found. As in the person of Baber, the line of Tamerlane sirst mounted the throne of Hindoostan: so in that of Acbar, the grandson of Baber, it may be faid to be established. The conquest of their ancestor, about a century and a half before, had no share in effecting the present fettlement. Baber, was in reality the founder of the Mogul dynasty; and from this event, Hindoostan came to be called the Mogul, empire\*.

The first years of Acbar's reign were employed in the reduction of the revolted provinces, from Agimere to Bengal; in which the great Byram, who had a share in recovering the empire for Humaioon, was a principal actor. These conquests were secured in a manner very different from those, atchieved by former Emperors: that is, by a proper choice of Governors; by wise regulations; by an unlimited toleration in religious matters; and by a proper attention to the propensities of the people: to all which, a long and vigorous reign, was peculiarly savourable. The Hindoos still formed the bulk of the people; even in those provinces, that, from their vicinity to the country of the conquerors, had been the most

<sup>\*</sup> Properly speaking, the MOGUL EMPIRE was that, over which Tamerlane and his immediate successors reigned; and in which, India was not included. Custom, however, has transferred the name to the empire held by the descendants of Tamerlane, in Hindoostan and the Deccan.

frequently over-run: and experience had taught the Mahomedan conquerors, that the passive religion and temper of the Hindoos, would, if left to themselves, never disturb the established government. But the Deccan was a stumbling block to the Mogul Emperors. In 1585, Acbar resolved on the attack of it, and soon after carried the war into Berar, while another army was reducing Cashmere, in an opposite corner of the empire. The Deccan appears at this time, to have been divided into the kingdoms or states of Candeish, Amednagur (or Dowlatabad) Golconda (or Bagnagur) and Visiapour. Berar and the Carnatic, each of which included feveral distinct governments, are not specified by the historian, as members of the Deccan: by which it would appear that they do. not, in strictness, appertain to it. In the popular language of the times, there were reckoned to be four principalities in the Deccan: that is to fay, the four first mentioned, above. Most, if not alk of these, were at this time governed by Mahomedan Princes.; although we are not in possession of any history of the conquests or revolutions, that transferred them from the Hindoos to the Maho-At the time of Acbar's death, in 1605, no farther progress was made in the reduction of the Deccan, and the adjoining countries, than the taking possession of the western part of Berar, Candeish, Tellingana (a division of Golconda) and the northern part of Amednagur; the capital of which, bearing the same name, was taken in 1601, after a long and bloody siege, and an unsuccessful attempt to relieve it, by the confederated Princes of the

Deccan.

Acbar was the glory of the house of Timur. Hindoostan proper, had never, at any period since the first Mahomedan conquest, experienced so much tranquillity, as during the latter part of his reign; but this tranquillity would hardly be deemed such, in any other grants of the world; and must therefore he understood to mean a state short of study reboldion, or at least, comparison. Prince Danial, his eldest son, died just before him; and as lim,

the

the next, in right of primogeniture, succeeded under the title of Jehanguire.

Jehanguire reigned about 22 years. Under him, the conquest of the Deccan was not lost fight of, though but faintly purfued. War was made on the Rajpoots, and the Rana, or chief Prince. brought to terms. The rebellions of the Emperor's fon, Shah Jehan, embittered the latter part of his reign; and the influence of his mistress Noor Jehan, rendered his councils weak, and constrained his government. However, the provinces having been held together for near 70 years, the empire had acquired a degree of confolidation; and was not fo liable to be shaken, as it would have been at some former periods, under the operation of similar It was in this reign, and in the year 1615, that Sir Thomas Roe was fent as the first English Ambassador to the Emperor of Hindoostan. The Portuguese, had by this time, acquired confiderable fettlements in Bengal and Guzerat; but only those in Guzerat, where they also possessed some extent of territory, attracted the notice of the court: and it is curious to observe what the author of the Ayin Acbaree says of them, about the year 1560. of the lands of Guzerat, he fays, "By the neglett of the King's Governors foreign of these districts are in the hands of Europeans." Perifara, alfo, peaking of the fite of an ancient Hindov temple, near Diu, says that it was situated in the districts, that were subject to the "Idolaters of Europe."

Shah Jehan succeeded his father in 1627. The conquest of the Deccan was pursued with more vigour in this reign: and the plunders and devastations perpetrated there, occasioned most, or all of its Princes, to make submission, and acknowledge the Emperor, lord paramount. Gosconda was in part, actually taken possession of: but Visiapour and the Carnatic, together with the regions of the Gauts, remained in the hands of their ancient possessors.

Candahar, a fortress fituated on the common boundary of I centa, and of the Mogul provinces beyond the Indus, was, at this time,

a subject of contention, between the two Monarchs of Persia and Hindooftan. The first serious quarrel between the Europeans (Portuguese) and Moguls, happened during this reign, when the Portuguete were expelled from Hoogly, in the Ganges. In 1658, the civil wars commenced between the Emperor and his fons; as well as between the fons themselves: which ended in the elevation of Aurungzebe, the youngest; after he had deposed his father, and murdered or expelled his three brothers. The account of these transactions may be seen at large, in Bernier and Dow: and is a very curious piece of history. In 1660, Aurengzebe (who took the name or title of Allumgire and was the first of that name) was in peaceable possession of the throne: and from that period, until the year 1678, there prevailed, throughout Hindoostan in general, the most profound peace that had ever, perhaps, been known: but the remainder of the Deccan, was still a desideratum; and Aurungzebe difdained to have any other boundary, on the fouth, than the ocean. Accordingly, the conquest of the remote part of the Deccan employed a very confiderable part of his leifure during the latter part of his reign: when the whole of that region, together with the peninfula, a few mountainous and inaccessible tracts only excepted, were either entirely subjected, or rendered tributary to the throne of Delhi. What might appear to Aurungzebe to render this step of subduing the Deccan, necessary, was, the determined spirit and growing power of Sevagee, the founder of the Mahratta state; who, by his conquests in Visiapour, appeared dimention the ghameter of a rival to Aurunozebe.

A rebellion of the Patans beyond the Indus, in 1678, called for the presence of Aurungzebe, there: which was no sooner quelled, than his persecution of the Hindoos stirred up the Rajpoot tribes in Agimere. He undertook this war also, in person: but was hemmed it with his whole army, between the mountains, and the Empress herself, and the permitted to escape, as well as the Emperor. This distantial

courage him from carrying the war into the Rajpoot country again, in 1681: when he took and destroyed Cheitore, the samous capital of the Rana; as well as all the objects of Hindoo worship found there. The spirits of these gallant people, were, however, still unsubdued: and Aurungzebe was necessitated to grant them a peace \*.

Sevagee died in 1680, and left his rifing state of Mahrattas, to his son Sambajee; who was afterwards betrayed into the hands of Aurungzebe, and barbarously put to death. Still, however, the mountainous parts of Baglana were unsubdued; and although the kingdom of Visiapour was reduced in 1686, and Golconda, in the following year; yet he found great difficulty in prosecuting his conquests on the west: as appears by his camp being fixed on the Kistna river, about 200 miles to the north-eastward of Goa, in 1695: I say, appears: for we have at present, no regular history of any later period, than the 10th year of Aurungzebe: that is, to the year 1670; when Mr. Dow's history finishes: all the events that are subsequent to this date, are from other authorities.

It is faid that Aurungzebe was employed in the Deccan from the year 1678, to the time of his death, and was actually in the field, during the greatest part of the last 15 years of his life. This dereliction of his original empire and capital for nearly 30 years, occasioned various disorders in them: and laid the foundation of many more: among others, the second rebellion of the Rajpoots in Agimere; that of the Patans towards the Indus; and of the Jats, or Jates, in the province of Agra. This was the first time that the Jats appeared, otherwise than as banditti: since which, they grew

The reader may find in the 40th note to Mr. Orme's Historical Fragments of the Mogal empire, a letter written by Jeswont Sing, Rajah of Joudypour, to Aurungzebe, expostulating with him on the unjust measures he was pursuing, with respect to the Hindoos. This letter breathes the most perfect spirit of philanthropy, and of toleration in matters of religion: together with the most determined resolution to oppose the meditated attack on the civil and religious rights of the Hindoos. The elegant translation of this letter was made by Mr. Handberg Rouse.

up to be a confiderable state: and at one time, were of some confideration, in the politics of upper Hindoostan.

Aurungzebe died in 1707, in the 90th year of his age, at Amednagur, in the Deccan; which he had fixed on for his refidence, when in winter quarters. Under his reign, the empire attained its full measure of extent. His authority reached from the 10th to the 35th degree of latitude; and nearly as much in longitude: and his revenue exceeds 32 millions of pounds sterling, in a country where the products of the earth are about four times as cheap as in England. But so weighty a sceptre could only be wielded by a hand like Aurungzebe's: and we accordingly find, that in a course of 50 years after his death, a succession of weak Princes and wicked Ministers, reduced this association empire to nothing.

Aurungzebe obviously foresaw the contests that would arise between his sons, for the empire: and it has therefore been asserted, that he made a partition of it, among them. This account, however, is not warranted by the memoirs of a nobleman of Aurungzebe's Court, lately published, in this country\*; nor by the best living authorities that I have been able to consult. Two letters, written by Aurungzebe to two of his sons, a few days before his death, indicate no intention of dividing the empire; but express in doubtful terms; his apprehensions of a civil war †. He left behind him, four sons: Manzum, afterwards Emperor, under the title of

Memoirt of Erader Chan, manifest from the Parkins M. Capt. J. Scott. 1786. This valuable fragment of Mosal history contains an excess of the strollations that happened in the Mogul campac, tracket.

It contains much curious trackets, and salty developes the persons the received of a Mogul courtee.

<sup>+</sup> These letters are preserved in one of the notes to the above work (page 8) and furnish this striking lesson to first mortality; that, however men may forget themselves, during the tide of the striking lesson to first mortality; that, however men may forget themselves, during the tide of the striking lesson to the strike we are always to the three, by the striking lesson to the three, by the striking lesson to the three has the striking lesson to the three has the strike three thr

Bahader Shah; Azem, and Kaum Bukth, who feverally contested the empire with their elder brother; and Acbar, who 30 years before had been engaged in rebellion and fled to Perfia. The death of their father, was the fignal of hostility between Mauzum and Azem; the former approached from Cabul, and the latter from the Deccan, and disputed the possession of the whole empire (for Azem had proposed a partition of it) with armies of about 300,000 men each. Near Agra, it was decided by a battle, and the death of Azem: and Mauzum took the title of Bahader Shah. His title, before his accession, was Shah Aulum; by which name he is confantly mentioned in the memoirs of Eradut Khan.

Bahader Shah reigned about five years, and was a Prince of confiderable ability, and great attention to bufiness: but the convulfions with which his elevation had been attended (notwithstanding his pretentions, as eldest fon of the late Emperor) added to the various disorders that had taken root, during Aurungzebe's long absence in the Deccan, had reduced the government to such a state of weakness, as required not only the exertion of the best talents, but also much time, to restore. The rebellion of his brother Kaum Buksh, soon after his accession, called him into the Deccan; and this being quelled by the death of Kaum Buksh, and the total dispersion of his followers, he wisely quitted this scene of his father's mistaken ambition; although the Deccan was far from being in a fettled state. He had in contemplation to reduce the Rajpoot Princes of Agimere, who had formed a very strong confederacy; to which the long absence of Aurungzebe had been too favourable: and they appeared to act with much confidence and focurity. However, an evil of a more prefing nature, drew the Emperor's attention to another quarter. The Seiks, a new fect of religionists, appeared in arms in the Lahore province; and ravaged the whole country from thence to the banks of the Jumna river. The Seiks had filently established themselves, along the foot of the castosia mountains, during the reign of Shah Jehan. They differ from most

most religionists, in that, like the Hindoos, they are perfectly tolerant in matters of saith; and require only a conformity in certain signs and ceremonies: but unlike the Hindoos, they admit proselytes; although those from among the Mahomedans, are the least esteemed. They are now become one of the most potent states in Hindoostan. These, the Emperor marched against in perfon, and after much trouble and delay, reduced them; but their Chief escaped. The Emperor then took up his residence at Lahore, and seems to have continued there a very long time: probably, to check the remnant of the party of the Seiks; and to settle the affairs of the province, in general. Here he died, after a short illness, in 1712: and, it would appear, that he never land an opportunity of vinting Agra, or Delhi, during his reign.

He allo, left four ions: among whom, a war for the fuccession, commenced on the fpot. The fecond fon, Azem Ooshawn, took possession of the treasures; but was opposed by his three brothers, who agreed to divide the empire among them. A battle in which Azem was killed, decided matters in their favour; chiefly by the adtheis and bravery of the youngest, Jehaun Shah; who seemed refolved to abide by the agreement, to divide the empire; and as a proof of his intention, directed the treasures to be divided. But Zoolfecar Khan, an Omrah in high trust, intrigued to prevent is. intending to raffe to the throne, Jehaunder Shah, who was the best Etted for his purpoles. A fecond battle was fatal to Jehaun Shah, the two remaining brothers to minute the empire, by a in possession. He did not long enjoy his dignity: for at the end of mine months, he was dethroned by Fereksere, (or Furrocksere) for or the deceased Azem Coshawn; and of course great smades And the second s willes:

Syeds (or Seids) Houssein Ali Khan, and Abdoolla Khan, two brothers, and Omrahs of great power, to set up Feroksere Having been possessed of governments in the eastern provinces, their influence enabled them to collect an army, with which they deseated that of Jehaunder, near Agra, in the same year, 1712.

The Seiks appeared again in arms, during the following year: and in 1716, they were grown so formidable, that it appeared necessary to march the grand army against them, with the Emperor at its head; but we are ignorant of the particulars of the campaign.

It was in this reign that the English East-India-Company, obtained the famous FIRMAN, or grant, by which their goods of export and import, were exempted from duties, or customs; and this was regarded as the Company's Commercial Charter in India, while they stood in need of protection, from the Princes of the country.

In the year 1717, Feroksere was deposed and blinded by the Seids: who raised to the throne Ruffieh-ul-Dirjat, a son of Bahader Both this Emperor and his brother, Ruffieh-al-Dowlat, were, in the course of a year, raised to the throne; and afterwards deposed and put to death by the Seids; who had now the disposal of the empire and all its concerns. Thus, in its years from the death of Aurungzebe, five Princes of his line, who had mounted the throne, and fix others who had been competitors for it, had been disposed of: and the degraded state of the regal authority, during this period, had introduced an incurable anarchy, and a disposition in all the Governors of provinces, to shake off their dependency on the head of the empire. From this time, affairs declined very rapidly: and the empire. Which had acquired forme degree of confifency under the house of Timur, was now about to be dismembered, in a degree beyond what it had experienced, even before the æra of the Mahomedan conquests.

Mahomed Shah, grandson of Bahader Shah, was placed on the throne by the Seids, in 1718. This Prince, warned by the fate of

his predecessors, and having very early in his reign acquired power sufficient for the purpose, got rid of the Seids: but not without a rebellion and a battle.

Nizam-al-Muluck, Viceroy of the Deccan, had for some time been rifing into power; and the times being favourable, he meditated independency. He had received some affronts from the Seids, which furnished him with an excuse for withdrawing to his government: from whence, in 1722, he was invited to Court, and offered the post of Vizier. This offer, however, he declined, as not fuiting his projects: which had for their object, fovereignty, instead of ministry; in the Deccan, at least. The Mahrattas too, whose power had progressively increased, and who even held their ground against so martial and persevering a Prince as Aurungzebe, were, as might be expected under a succession of weak ones, grown trucly formidable to the rest of the empire: and their vicinity to the Nizam, afforded him a complete pretence for increasing his army. When the Princes of the house of Timur were so eagerly pursuing the conquest of the Deccan, it seems to have escaped their penetration, that this region, which possessed ample resources within itself, and innumerable local advantages in point of security from an enemy without, was also situated at such a distance from the capital, as to hold out to its Viceroy, the temptation of independence, whenever a favourable opportunity might offer. Perhaps, if the Deccan had been originally left to itself, the posterity of Timur might still have swayed the sceptre of Hindoostan.

While the Nizam continued to invendeble in the fouth, the Mahrattas directed their attacks against the middle and northern provinces. Malwa and the open parts of Agimere were over-run by them: and their detachments insulted even the capital of the empire. The weak Mahomed, had in the early part of his reign, endeavoured to satisfy their demands, by paying them a tribute amounting to one fourth of the net revenue of the invaded vinces: but this, as might have been expected, only increased

k

## [ fxviii ]

their insolence, and ended in their seizing on the provinces them-selves.

In 1738, the Nizam, confident of his interest with a powerful faction at Court, came thither, attended by a large body of armed followers. Dowran, the commander in chief of the army of the empire, was at the head of the Court party; which the Nizam finding too strong, to be easily dispossessed of their places, he invited Nadir Shah, the usurper of the Persian throne, and who was then engaged in the siege of Candahar, to invade Hindoostan: hoping that he and his faction might get rid of Dowran; or at any rate, that they might profit by the confusion it would occasion. Many thought that the Nizam's views extended to the empire itself. Accordingly, in the following year, Nadir Shah entered Hindoostan, and advanced to the plains of Carnawl, where Dowran had affembled the army, but was foon after killed in a fkirmish. uncertain was the state of things, even at this time, that Nadir Shah offered to evacuate the empire for fifty lacks of rupees (half a million). But the intrigues of the Nizam and his party, occasioned the weak Emperor to throw himself on the elemency of the invader: who entered Delhi, and demanded 30 millions sterling, by way of ranfom. Tumults, maffacres, and fariting, were the refult: 100,000 of the inhabitants were maffacred, and 62 millions of plunder, were faid to be collected. Nadir married his fon to a grand daughter of Aurungzebe, restored, Mahomed Shah to his throne, and returned to Persia, after obtaining the cession of all the countries subject to Hindoostan, lying on the west of the Indus.

His departure left the Nizam in possession of the whole remaining power of the circumstand which he facrificed to his own views in the Decean, where he established an independant kingdom for himself. The Mahratta invasions of the Carnatic in 1740 and 1741, and particularly the deseat and death of Doast Ally (Nabob of Arcot) by their arms, called the Nizam home; after delegating his power at Court to his eldest son Gazi o'dien.

The Nizam, on his arrival, settled the Carnatic for the present, by placing Anwar o'dien, father of the present Mahomed Ally, in the government, or Nabobihip of Arcot; which was then underflood to comprehend nearly the present Carnatic.

Bengal became independant of Delhi a little before this time (1738) under Aliverdy Cawn; and not long after, a vast army of Mahrattas, both from Poonah and Berar (for they were now divided into two states) invaded it, under the sanction of the Emperor's name, who being at a loss to satisfy their repeated demands, sent them to collect for themselves, the arrears of revenue, since the desection of Aliverdy. About the same time the Rohillas, a tribe from the mountains that lie between India and Persia, erected an independant state on the east of the Ganges, and within 80 miles of Delhi. Very strong symptoms of the universal dissolution of the empire, appeared, at this time.

Nadir Shah died in 1747: and in the confusion that followed, Abdalla, one of his Generals, seized on the eastern part of Persia, and on the bordering provinces of India, that were ceded by Mahomed Shah to Nadir; and these he formed into a kingdom, known at present by that of Candahar; or more familiarly by that of the Abdalli. It comprises nearly the ancient empire of Ghizni.

Mahomed Shah died the same year, having reigned 29 years: a long period, considering the sate of his immediate predecessors, and the state of anarchy that prevailed so universally in Hindoostan.

Ahmed Shah, son of Mahomed, succeeded his father. In his reign, which lasted about 6 years, the entire division of the remainder of the empire took place: nothing remaining to the house of Timur, save a small territory round Delhi, together with the city itself, (now no longer a capital) exposed to repeated depredations, massacres, and samines, by the contests of invaders. The last army that might be reckoned invarial, was defeated by the Rohillas, in 1749; by which their independency was firmly established in the

k 2

eaftern part of the province of Delhi. The Jates, or Jats, a Hindoo tribe under Soorage-Mull, established themselves, and founded a state in the province of Agra. The Deccan and Bengal we have already feen, usurped by their Viceroys, the Nizam and Aliverdy: Oude was feized on by Seifdar Jung (father to the late Sujah Dowlah, and grandfather to the reigning Nabob of Oude, Azuph Dowlah): Allahabad by Mahomed Kooli: Malwa was divided between the Poonah Mahrattas, and feveral native Princes, and Zemindars: Agimere reverted of course, to its ancient lords, the Rajpoot Princes: and the Mahrattas, who had of late been making large strides towards universal plunder, if not to universal empire; possessed, in addition to their share of Malwa, the greatest part of Guzerat, Berar, and Oriffa; befides their ancient domains in the Deccan: and were alternately courted and employed by different parties, and were become the Swifs of India; with this deviation from the custom of the European Swiss, that they usually paid themselves, instead of being paid by their employers. has just been said, having established his new kingdom very early in this reign, entered Lahore and Moultan (or the Panjab) with a view to the conquest of them. The whole country of Hindoostan proper, was in commotion from one extreme to the other: each party fearing the machinations or attacks of the other; so that all regular government was at an end, and villiany was practifed in every form. Perhaps, in the annals of the world, it has feldom happened that the bonds of government were so suddenly dissolved, over a portion of country, containing at least 60 millions of inhabitants.

The Nizhr de star very advanced age \*; in 1748, and was fucceeded by his fon Nazirjung, in prejudice to the rights of his eldest son, Gazi, Vizier to the nominal Emperor. The contests that followed soon after, between Nazirjung, and his nephew

<sup>\*</sup> He was rot years old. He left 5 fons; Gazi o'dien, Nasirjung, Salabidjung, Niza-mally (the present soubah of the Deccan, and the only survivor) and Bazaler Jung.

Muzzusfer Jung, for the throne of the Deccan; and between the families of Anwar o'dien and Chunda Saheb, for the Nabobíhip of Arcot, one of its provinces; occasioned the French and English to engage as auxiliaries in the wars that happened in consequence of them. In the first, the French alone interfered: in the latter, both nations; the English esponsing the cause of the family of Anwar o'dien. These wars lasted till the year 1754; and ended, after much bloodshed by battle and assassination, in fixing Mahomed Ally, second fon of Anwar o'dien, in the government of Arcot; and Salabidjung, fon of the late Nizam-al-Muluck, in the foubahship of the Deccan; the original disputants being either affaffinated or killed in battle. By this refult, the English gained the point of establishing their security and their influence in the Carnatic: and the French, in addition to the folid advantage of getting possession of the northern circars\*, valued at half a million sterling, of annual revenue, gained the splendid but uncertain privilege of influencing the councils of the Nizam, by attending his person with their army, commanded by the celebrated M. Buffy..

The Mogul empire was now become merely nominal: and the Emperors must in suture be regarded as of no political consequence, otherwise than as their names and persons were made use of, by different parties, to forward their own views. That the name and person of the Emperor were of use, as retaining a considerable degree of veneration among the bulk of the people in Hindoostan and the Deccan, is evident, from the application made at different times, for grants of territory, forcibly acquired by the grantee, but which required the sanction of the lord paramount, in order to reconcile the transaction to the popular, or perhaps, vulgar opinion. Thus every usurper has endeavoured to sanctify his usurpation, by either a real or pretended grant from the Emperor: and others, by

The geographical polition of the circars, and the origin of the application of term northern, to them, will be found in the latter part of this lattroduction.

obtaining possession of his person, have endeavoured to make their acts pass for his. Another remarkable instance of the effect of popular opinion, is, that the coin throughout the whole tract, known by the name of the Mogul empire, is to this day, struck in the name of the nominal Emperor.

In 1753, the Emperor Ahmed was deposed by Gazi\*, after having reigned about 6 years. In the preceding year, the Mahrat tas had been called in, to affist in reducing the Jats, who were in possession of Agra, and become troublesome neighbours to the Emperor: and in the present year, the Berar Mahrattas established themselves in Orissa, by cession from Aliverdy, Nabob of Bengal: who was also compelled, for a short time, to pay them a tribute for Bengal and Bahar, amounting to one fourth of the clear revenue. This, together with the Mogul's sormer permission to collect the arrears of revenue due to him, is the soundation of their claims on Bengal and Bahar; and which they have never relinquished, although the times may have been unfavourable to their asserting them.

Allumguire II. grandson of Bahader Shah, was placed on the nominal throne by Gazi, with the concurrence of Nidjib Dowlah, a Rohilla Chief, and commander of the army. Abdalla of Candahar, was at this time in possession of Lahore, and threatened Delhi. In 1756, the Emperor, to get rid of Gazi, invited Abdalla to Delhi; who accordingly came, and laid that unfortunate city under heavy contributions; not even sparing the sepulchres of the dead: but being bassled in his attempt on Agra (held by the Jats) he proceeded no sarther eastward, but returned towards Persia, in 1758. The Emperor and his samily were now reduced to the lowest possible state of royalty: alternately soliciting the assistance

It is necessary to observe, that the Gazi o'dien in question, is not the person whom we have seen before, in the capacity of Vizier to Mahomed Shah; but his son. But this is the Gazi, who is so famous, or rather infamous, for affassinations and crimes of almost every other kind. The elder Gazi perished in an attempt to recover the possession of the Decean from his younger brother Salabidjung, in 1752.

of Abdalla, and of the Mahrattas; and as much in dread of their allies, as of their enemies.

In 1760, Allumgire was deposed and murdered by Gazi. His fon, the present Emperor, who took the title of Shah Aulum, was then engaged in a fruitless attempt to reduce the Bengal provinces. He had successively thrown himself, on the Mahrattas, Nidjib Dowlah, and Sujah Dowlah, for protection and affistance; but without fuccess. Mahomed Kuli of Allahabad, however, received him: and it was by means of an army furnished by that Chief, and by Bulwantfing, Zemindar of Benares, that he was enabled to enter the Bengal provinces, where he was joined by some refractory Zemindars of Bahar, and made up altogether a force of about 60,000 men: but notwithstanding his numbers, they were so ill provided, that he ended his expedition (in 1761) by furrendering himself to the British, who had taken the field as allies to the Nabob of Bengal: and who, having at that time no inducement to connect their fortunes with his, he applied with more fuccess to Sujah Dowlah, who, in Mahomed Kuli's absence, had seized on Allahabad.

Abdalla, had visited Hindoossan no less than 6 times during the late reign; and appeared to have much more influence in the empire than Allumgire had. His fixth visit, was in 1759 and 1760; when Delhi was again plundered and almost depopulated, although during the time of Aurungzebe it was supposed to contain two millions of souls.

The Mahrattas in the midft of these confusions and revolutions, daily gathered strength. We find them engaged in every scene of politics and warfare from Guzerat to Bengal; and from Lahore to the Carnatic. Possessed of such extensive domains and vast armies, they thought of nothing less than driving out Abdalla, and restoring the Hindoo government, throughout the empire. Thus the principal powers of Hindoostan were arranged in two parties; the Hindoos and Mahomedans: for the Jats joined the Mahametas;

and Sujah Dowlah, with the Rohillas, and other Mahomedan Chiefs of less note, joined Abdalla: and a battle ensued in the old scene of warfare, the plains of Carnawl and Panniput. There were said to be 150,000 Mahomedans, and no less than 200,000 Mahrattas, whose cause the Jats deserted, before the battle. This was the most important struggle that had taken place, since the contests between Aurungzebe's sons, in 1707. Victory declared for Abdalla, after a battle more obstinate and bloody than any that the records of Hindoostan can probably shew: the carnage of the day, and the number of Mahratta prisoners taken, were almost incredible; and great deeds of valour were performed on both sides. This battle was decisive of the pretensions of the Mahrattas, to universal empire in Hindoostan. They lost the slower of their army, together with their best Generals. and from that period (1761) their power has been sensibly on the decline.

Abdalla's influence at Delhi, was now unlimited; and he invited Shah Aulum thither (then engaged in Bahar, as abovefaid) promising to seat him on the throne of his ancestors. He, however, did not venture to trust himself in the hands of Abdalla: who therefore, as his presence was required in Lahore, where the Seiks were on the point of overpowering his garrisons, set up Jewan Bucht, the son of Shah Aulum\*, for Emperor, under the tuition and protection of Nidjib Dowlah; from whom he exacted an annual tribute. Thus, in fact, Abdalla became Emperor of Delhi: and if his inclinations had led him to establish himself in Hindoostan, it is probable that he might have began a new dynasty of Emperors, in his own person. He meant, probably for for the heir of the house of Timur, to which he had allied himself by a match with one of the Princesses. His son and

This is the person who visced Mr. Hastings at Lucknow, in 1784. He was about 13 years old at the time of Abstractate visit to Delhi.

fuccessor, the present Timur Shah, married another Princess of the same line.

After the departure of Abdalla, it appears that all the territory remaining to Nidjib Dowlah, for himself and the young Emperor, was the northern part of the province of Delhi. In the following year, 1762, both the Jats and Mahrattas pressed hard on Nidjib Dowlah, but he either bassled them, or bought them off; and held his ground during his life time: and then transmitted his country, which is chiefly situated between the Ganges and Jumna, to his son Zabeta Cawn, the present possessor.

Shah Allum the legal Emperor (whose fon we have just seen in the character of his father's representative) was without territory, and without friends, fave only a few Omrahs who were attached to his family; and were, like him, dispossessed of their property and station. The expulsion of the Nabob of Bengal, Costim Ally, by the English, in 1763, by drawing Sujah Dowlah into the quarrel, was the means, once more, of bringing the wandering Emperor into notice. - But he had more to hope from the fuccess of the British arms, than those of his patron, Sujah Dowlah: and the uninterrupted success that attended them in 1763, 64, and 65, by the dispersion of the armies of Cossim Ally, and of Sujah Dowlah, and by the entire conquest of Oude and Allahabad; left both the Emperor and Sujah Dowlah, no hopes, but from the moderation of the victors. Lord Clive, who assumed the government of Bengal, in 1765, restored to Sujah, all that had been conquered from him, except the provinces of Corah and Allahabad; which were kept as part of an establishment for the Emperor: at the same time he obtained from the same Emperor, a grant of the provinces of Bengal, Bahar and Orissa, together with the northern circars; on condition of paying the Emperor 26 lacks of rupees (260,000l.) per annum, by way of tribute, or quit rent. The Corah provinces were valued at 30 lacks more. Thus was a provision made for the Emperor; and a good bargain struck for the English to beingal

1

and the circars might be estimated at a million and a half net revenue, after the charges of the civil and military establishments, were paid. The Emperor was to reside at the city of Allahabad; and was, in essect, under the protection of the English, to whom he owed all that he possessed. A treaty offensive and desensive was entered into, with Sujah Dowlah, Nabob of Oude: and his territories being situated so as to form a barrier to ours, a competent force stationed within them, served to guard both, at the same time; and it was convenient to the possessed of Oude, to pay the expence of it, as if it had been retained for his service only.

It was, however, the missortune of the Emperor, that he could not accommodate his mind to the standard of his circumstances; although these were far more favourable now, than at any other period of his life. But being the lineal descendant of the house of Timur, he aspired to possess the capital city of his ancestors; and in grasping at this shadow, he lost the substance of what he already possessed. For after about 6 years quiet residence at Allahabad, he put himself into the hands of the Mahrattas, who promised to seat him on the throne of Delhi: those very Mahrattas, who had wrested the fairest of his provinces from his family ; and whose object was to get possession of the rest wand who intended to use his person and name, as one of the means of accomplishing it. A coffion of the Corah provinces to the Mahrattas, was the immediate confequence of this connexion: and had not the English interposed, the Mahrattas would have established themselves in that important angle of the Dooab, which commands the navigation of the upper part of the river Ganges, and the whole course of the Jumna; and which would have brought them almost close to our doors: besides the evil of extending their influence and power: and of feeding their hopes of extending them still further. The principle on which the British Government acted, was this: they considered the Corph, &c. provinces, which by right of conquest were originally theres, as busing reverted again to them, when they

## [ lxxvii ]

were alienated from the purposes, for which they had been originally granted to the Emperor; and applied to the purpose of aggrandizing a power, which was inimical to them and to their allies. They therefore took possession of those provinces again, and immediately ceded them to the Nabob of Oude, for a valuable consideration. Indeed, it was a mistake originally, not to restore the possession of them to Sujah Dowlah, in common with the rest of his territories: and to settle a certain stipend in lieu of them, to the Emperor: for they, forming the frontier towards the Mahrattas and Jats, should have been placed in hands, that were better able to defend them.

The Mogul, however, went to Delhi; thereby losing all that he had acquired from the British; and has ever since been a kind of state prisoner: living on the produce of a trifling domain, which he holds by a tenure of fufferance; allowed him partly out of veneration for his ancestors, and partly for the use of his name. must be allowed, that the Princes of Hindoostan, have generally shewn a due regard to the distresses of fallen royalty (when life has been spared) by granting Jaghires, or pensions. Ragobah's, is a case in point. The private distresses of Shah Allum (it is almost mockery to call him the Great Mogul, or Emperor) were, however, fo preffing, during Mr. Hastings's last journey to Oude (1784) that his fon Jewan Bucht came to folicit assistance from the English. Since the peace of 1782, Madajee Sindia, a Mahratta Chief, and the possessor of the principal part of Malwa, has taken the lead at Delhi; and has reduced leveral places situated within the districts formerly possessed by the Jats, Nudjust Cawn, and the Rajah of Joinagur: and it may be concluded that Sindia has in view to extend his conquests on the side of Agimere: and to establish for himself, a considerable state, or kingdom.

It might be expected that the Rajpoots of Agimere, &c. would be less averse to receiving a Sovereign of their own religion. That they were to submit to the Mahomedan Emperors and more

l 2 over

over, that it would be more for the interest of their people, to be subjects, than tributaries, of the Mahrattas; these being mild as Governors, although the most unfeeling, as collectors of tribute, or as enemies: yet it appears, that they entertain the greatest jealousy of Sindia's designs; the accomplishment of which would make their Princes sink into a state of greater insignificance, than they are at present.

In a country so fruitful of revolutions, it is difficult to forefee the event of Sindia's present measures; but they point strongly towards raising him to the head of the western Mahratta state, or to that of a new empire founded on its ruins. vinces of Agra and Delhi, and that whole neighbourhood, are in the most wretched state that can be conceived. Having been the feat of continual wars for near 50 years, the country is almost depopulated, and most of the lands, of course, are lying waste: the wretched inhabitants not daring to provide more than the bare means of subsistence, for fear of attracting the notice of those, whose trade is pillage. Nothing but the natural fertility of the foil, and the mildness of the climate, could have kept up any degree of population; and rendered the fovereignty of it, at this day, worth contending for. So that a tract of country, which possesses every advantage that can be derived from nature, contains the most miserable of inhabitants: so dearly do mankind pay for the ambition of their superiors; who, mis-calculating their powers, think they can govern as much as they can conquer. In the Mogul empire; many parts of it were 1.000 miles distant from the feat of government: and accordingly its history is one continued leson, to Kings. not to grafp at too much dominion; and to mankind, to circumferibe the undertakings of their rulers.

It is highly improbable that the house of Timur will ever rise again, or be of any consequence in the politics of Hindoostan. It It was in 1525 that the dynasty of Great Moguls, began: so that reckoning to the present time at has lasted 262 years: a long period for that country.

# SKETCH of the MAHRATTA History.

WE have frequently had occasion, in the course of the above sketch, to mention the Mahrattas: and as the rise and progress of that state, is of much importance to the general history of the decline of the Mogul empire; and so remarkable in itself, from the suddenness of its growth; it may not be improper to give a short history of it, in an uninterrupted narrative; although some part of the somer one may be repeated.

The origin and fignification of the word MAHRATTA (or Mo-RATTOE) has of late been very much the subject of enquiry and discussion, in India: and various fanciful conjectures have been made, concerning it. We learn, however, from Ferishta\*, that MARHAT was the name of a province in the Deccan; and that it comprehended Baglana (or Bogilana) and other districts, which at

This information occurs not only in Ferilhta's history of Hindoostan, but in that of the Deccan, &c. likewise. The former we have before spoken of, as being translated by Col. Dow: but the latter has never yet made its appearance in any European language. It is expected, however, that the public will soon be in possession of it, from the hands of Capt, Jonathan Scott, who has already exhibited a specimen of one part of his intended work; and has engaged to complete it, on conditions, which the public, on their patt appear to have performed. Ferishta lived in the Court of Ibrahim Audil Shah, King of Visiapour; who was comparary with Jehangung in the beginning of the last comparary with Jehangung in the beginning of the last comparary with Jehangung in the beginning of the last comparary with Jehangung in the beginning of the last comparary with Jehangung in the beginning of the last comparary with Jehangung in the beginning of the last comparary with Jehangung in the beginning of the last comparate that has fearcely been heard of, in Europe, It Last.

A. D. 1347) appear to have exceeded in power and spleadour, those of Delhi; even at the most flourithing periods of their history. The feat of government was at Calberga (see Orme's Historical Fragments p. cxxxvi.) which was centrical to the great body of the empire; and is this day a considerable city. Like other overgrown empires, it fell to pieces with its own which and out of it were formed four potent kingdoms, under the names of Visiapour products and out of it were formed four potent kingdoms, under the names of Visiapour products in the Moral course. The ferree Monarche is and in the Moral course. The fact of the products and in the four potent kingdoms, under the names of Visiapour products. Thus, the Moral course and Amedinagur; whose particular limits and in the four potent has a second of the course of

present form the most central part of the Mahratta dominions. The original meaning of the term Marhat, like that of most other proper names, is unknown; but that the name of the nation in question, is a derivative from it, cannot be doubted: for the testimony of Ferishta may be received without the smallest suspicion of error, or of design to establish a favourite opinion, when it is considered that he wrote, at a period, when the inhabitants of the province of Marhat did not exist as an independent nation; but were blended with the other subjected Hindoos of the Deccan. Besides the testimony of Ferishta, there is that also of Nizam-ul-Deen\*, an author who wrote at an earlier period; and who relates, in his general history of Hindoossan, that one of the Kings of Delhi, made an excursion from Deogur (Dowlatabad) into the neighbouring province of Marhat †.

Sevajee may be confidered as the founder of the Mahratta Empire. His ancestry is not very clearly ascertained; but the most commonly received opinion, is, that his grandsather was an illegitimate son of a Rana of Oudipour, the chief of the Rajpoot Princes; the antiquity of whose house may be inferred from Ptolemy. (See the Memoir, page 153.) The mother of this illegitimate son is said to have been an obscure person, of a tribe named Bonfola (sometimes written Bouncello, and Boonsla) which name was assumed by her son, and continued to be the family name of his descendants, the Rajahs of Sattarah, and Berar. After the death of his father (the Rana of Oudipour) he having suffered some indignities from his brothers, on the score of his birth, he retired in dignit to the Deccan, and entered into the service of the King of Bejapour. The reputation of his family, added to his own personal merit, soon obtained for him a distin-

Nizam-ul-Deen, was an officer in the court of Acbar; and wrote a general history of Hindcossan, which he brought down to the 40th year of that Emperor.

† This also occurs in Franks is heavy of Hindcostan. It was in the reign of Alsa I.

A. D. 1312. See also page his contraction.

guished rank in the armies of the King of Visiapour; in which he was succeeded by his son. But his grandson, Sevajee, who was born in 1628, disdaining the condition of a subject, embraced an early opportunity (which the distractions then existing in the Visiapour monarchy, afforded him) of becoming independant. So rapid was the progress of his conquests, that he was grown formidable to the armies of the Mogul empire, before Aurungzebe's accession to power: having before that period, feized on the principal part of the mountainous province of Baglana; and the low country of Concan, fituated between it and the western sea. acquired from the kingdom of Visiapour, the important fortress of Pannela, which commanded an entrance into the heart of it, from the fide of Baglana; together with feveral other places of strength. In the Carnatic, he had possession of Gingee, together with an extensive district round it \*: and this perhaps may be considered rather as an usurpation of one of the Visiapour conquests, than as an acquisition made from the original Sovereign of the Carnatic: for the King of Viliapour appears to have polleffed the louthern part of the Carnatic, including Tenjerette Greet part of the hidery of Sevajee will be found in Mr. Orme's historical fragments of the Mogul empire: and is well worth the reader's attention. death, which happened in 1680, his domains extended from the northern part of Baglana, near Surat, to the neighbourhood of the Portuguese districts of Goz, along the sea coast; but probably not very far inland, beyond the foot of the Gauts, and other ranges of mountains; while the sent of the sent of them: for Aurungzebe's army kept the field in Villaponi, at that period, and necessarily straitened Sevajee's quarters on that side. These con-

Present obtained the grant of Pondicherry in 1674, from a Rajan of Gingoe, who also ledged the King of Naringa as his taperior; but the latter, was at the lane still place that the latter took positions of Gingoe, about the year 1677; selection of the same respectively.

1 am ignorant of the period, when the Majiratia Prince, whole defending the Clanjore, came und the position of it.

queils were the fiuits of hardy and perfevering valour; partly, acquired in despight of Aurungzebe, then in the zenith of his power. Sevajee had also plundered Surat and Golconda; and even attacked Goa, when the Portuguese power was at its height. His son Sambajee, though possessed of considerable ability both as a statesman and a soldier, sell a facritice to debauchery. In one of his loose excursions, he was treacherously seized on, and cruelly put to death, by Aurungzebe, in 1689. This, however, produced no submission on the part of the Mahrattas; who still increased in power, though not so rapidly as before. The Roman state had scarcely a hardier infancy: and the mountains of Gatte, which shelter from the stormy Monsoon, the countries that are situated to the leeward of them, afforded also a shelter to this rising state.

Sahoo, or Sahojee (vulgarly, Saow or Sow Rajah) succeeded his father Sambajee, at a very early age; and as he inherited the ability and vigour of mind of his immediate ancestors, and reigned more than 50 years; great part of it at a season, the most favourable for the aggrandizement of a state, that was to rise on the ruins of another; the Mahratta power grew up to the wonderful height that we have beheld it at. For the confusions occasioned by the difputed fuccession among Aurungzebe's sons, and their descendants, opened a wide field to all adventurers: and particularly to this hardy and enterprifing people, bred in the school of war and discipline; and who had shewn themselves able to contend even with Aurungzebe himself. The conquests atchieved under Sahoojee, are aftonishing to those who do not know that Hindooltan is so full of military adventurers, that an army is foon collected by an enterprising Chief, who holds out to his followers a prospect of plunder; which the then distracted state of the empire, afforded the most ample means of realizing. At the time of Sahoojee's death, which happened in 1740, the Mahratta state or empire had swallowed up the whole tract from the western sea to Orisia, and from Agra to

#### [ lxxxiii ]

the Carnatic: and almost all the rest of Hindoostan, Bengal excepted, had been over-run and plundered. They were engaged in almost every scene of war and politics throughout the whole country; although it does not appear that they took any part in the contest between Nadir Shah and Mahomed, in 1738-9; except by availing themselves of the absence of Nizam-al-Muluck, to commit depredations on his territories in the Deccan. Probably they thought that more advantage would arise to them, from the disorders consequent on Nadir Shah's invasion, than by their assisting the Emperor in repelling him: we are also to consider the advanced age of Sahoojee, at that time.

It is difficult to trace the progress of the Mahratta conquests, according to the order of time, in which they were made. We find them taking part in the disputes between Aurungzebe's defcendants at Delhi, as early as 1718: but it was not till 1735, that they found themselves strong enough to demand a tribute from the Emperor, Mahomed Shah. This demand terminated as wehave before observed, in the acquisition of the greatest part of the fine province of Malwa; and in a grant of a fourth part of the net revenues of the other provinces in general. This proportion being named in the language of Hindoostan, a Chour, occasioned the future demands of the Mahrattas to be denominated from it: although they are by no means limited to that proportion, except in cases where an express compact has taken place: as in some instances, between the Berar Mahrattas and the present Nizam of the Decean. They also about the reas 1736, took part in the difputes between the Nabobs of Arest, in the Carnatic; within which district, the principal European settlements on the coast of Choromandel, are fituated: which disputes eventually engaged the French. and English East India Companies, in scenes of hostility for several years, as has been before observed.

The fuccessor of Sahoojee, Ram Rajah, who succeeded in receive was a weak Prince: and it happened in the Mahratta france in

all

all despotic states of rapid growth, and recent formation, that great part of what was gained by the ability of one despot, was lost by the imbecility of another. The two principal officers of the state, the *Paishwah*, or Minister, and the *Bukshi*, or Commander in Chief, agreed to divide the dominions of their master: Bajirow, the Paishwah, assuming to himself the government of the western provinces; and Ragojee, the Bukshi, the eastern provinces: the former continuing at Poonah, the ancient capital; the other fixing his residence at Nagpour in Berar.

The Paishwah is said to have confined the Ram Rajah to the fortress of Sattarah (about 50 miles from Poonah) and then administered the government in his name. It is probable, from other accounts, that Sahoojee, during the latter part of his reign, had, by a long and unrevoked delegation of power to the Paishwah, prepared the minds of the people for this measure; which, to them, hardly appeared to be a change: as Sahoojee, in a manner, shut himself up in Sattarah, and seldom appeared in any act of government. There is some degree of analogy between this part of the history of the Paishwahs, and that of the Mayors of the palace, in France.

So violent a partition of the empire by its Ministers, encouraged, as might be expected, the usurpations of others, according to the degree of power or opportunity, possessed by each: so that in the course of a few years, the state became, from an absolute monarchy, a mere consederacy of Chiefs; and the loosest example of seudal government, in the world. The two Chiefs of the divided empire pursued each their plans of conquest, or negociation, separately; on the general principle of respecting each others rights. The local situation of the Berar Chief, who was less powerful than the other, led him to a close connexion with the Nizam; though not professedly in opposition to the Poonah Chief.

The invalion of Bengal (of the causes of which we have spoken in page lxix) was notertaken by both the Mahratta states in 1742,

#### [ lxxxv ]

and 1743; with armies, faid to contain 80,000 horsemen each. The leaders of these armies appearing each to act for himself, the consequence was, that the wily Aliverdy found means to bribe one party, and to fow diffensions between both: by which the consequences were less dreadful to the Bengallers, than they otherwise must have been. Still, however, they are remembered with horror: and I have myself beheld many of the objects of their wanton barbarity, mutilated and defaced. As 160,000 horsemen were let loofe, over the level country on the west of the Ganges; and the . capital, Moorshedabad, being 12 miles from that river, it was cut off from all supplies of provisions and necessaries\*, until Aliverdy doubly intrenched the road leading from the city to the Ganges: and thus supplies were conveyed in safety to the city, which was inclosed by another intrenchment, or rampart, of about 18 miles in circumference. The Mahrattas, did not depart out of the provinces, until the year 1744; when they had collected a vast mass of plunder, and had established the claim of the Chout: which, however, was never regularly paid. The Berar Mahrattas having, some years afterward, obtained possession of the Orissa province, partly by conquest, partly by cession from Aliverdy, their proximity to Bengal, from which they were separated only by a shallow river, afforded them frequent opportunities of plundering its frontier provinces. And it was not till the year 1761, when Cossim Ally, Nabob of Bengal, ceded the provinces of Burdwan and Midnapour, to the English, that the Mahrattas ceased to plunder them. The demand of the chours however, although made occasionally, previous to the cession of Bengal to the English, had never been enforced: and during the war of 1780, when almost all the powers of Hindoostan were leagued together against the English, it was wery feebly, if at all, infifted on, although the Berar Rajah had an army at Cattack.

The city of Moorfhedabad is fitnated on the westernmost branch of the Country branch is navigable only during a part of the year. See Appendix, page 25

The administration of Bajirow was as vigorous as could possibly be expected, considering how the reins of government had been slackened. To the Mahratta empire, it was glorious: for he wrested out of the hands of the Portuguese, the fortress of Bassen, and the island of Salsette, near Bombay; places that stood in the next degree of importance, to Goa. He died in 1759, leaving the Paishwaship, which was now considered as an hereditary establishment, to his son Ballajee.

At this period the Mahrattas pushed their conquests into the Panjab, and even to the banks of the Indus. But the time was approaching, when this sudden elevation (which seems, in some instances at least, to operate in states as in individuals) was to serve only to make their downfall more conspicuous. They and Abdalla, had given each other mutual umbrage: and the wars that ensued between them, which ended with the samous battle of Panniput, of which we have already given an account, in page lxxiv, was decisive of the pretensions of the Mahrattas as Hindoos, to universal empire in Hindoossan; which they at that time (1761) found themselves strong enough to dispute with the Mahomedans.

Ballajee died soon after. To him succeeded his son Maderow, a youth. The Mahrattas had now abated of their ardour for distant expeditions, and their quarrels were chiefly with their neighbour, the Nizam; whom they by degrees, stripped of a considerable portion of his territories on the north, and west of Aurungabad. Maderow died in 1772; and was succeeded by his son Narain Row, who was murdered the following year, by Ragobah, his uncle; and son of Bajirow, the first Paishwah who assumed the sovereignty. The arrocity of this crime, made the author of it (who had been a General of reputation in the war against Hyder Ally, and the Nizam) detested by the body of the people, and caballed against by the chiefs: he besides, failed in the object of clearing his way to the Paishwaship: for the widow of Narain produced a boy, who was acknowledged Heir.

## [ lxxxvii ]

Ragobah, who stood in need of allies, had engaged the Government of Bombay in his cause; with whom a treaty, very advantageous to the English, and indeed, embracing the principal advantages so long desired by the East India Company, was entered into: and the sleet and army belonging to the Presidency of Bombay, were accordingly put in motion, to second the views of Ragobah; and to secure the advantages derived from the treaty. Hostilities were commenced both by sea and land: and the island of Salsette, separated from Bombay only by a narrow channel of the sea, was taken possession of by the English. This was a most desireable acquisition; as the settlement of Bombay possessed no territory, beyond the extent of the small island in which it is situated; and consequently depended on foreign supplies for its substitute.

About this time, the Council General of Bengal was invested with a controlling power, over the other settlements in India: and the Mahratta war not meeting their approbation, Col. Upton was sent to Poonah in 1776, to negociate a peace (since known by the name of the treaty of Pooroondar) by which Ragobah was to renounce his pretensions, and to receive a pension for life: and the English were to retain possession of Salsette. But in the end of 1777, the Bombay Government again espoused the cause of Ragobah; which measure terminated in a disgraceful convention, by which the Bombay army retired to their settlement; and Ragobal surrendered to his enemies. Being of Bramin race, his life was spared.

The war that followed between the English and the Mahrattas was purely desensive on the part of the latter, after the arrival of brigade of the Bengal army, under General Goddard: and was at tended with the conquest, on the part of the English, of the finest parts of Guzerat, and the Concan; including the important for tresses of Basseen and Amedabad; in short, of the whole counter from Amedabad to the river Penn; and inland, to the

Gauts. And on the fide of Oude, the province of Gohud, and other districts, together with the celebrated fortress of Gwalior, were reduced; and the war carried into the heart of Malwa. But the expences of a successful war, may be too grievous to be borne: and as a war with Hyder Ally had broke out in 1780, and still continued, it was justly esteemed a most desirable advantage to essect a peace with the Mahrattas; after detaching Sindia, the principal member of that state, from the confederacy. This peace was negociated in 1782 and 1783, by Mr. David Anderson; whose services on that memorable occasion, claim, as is said in another place, the united thanks of Great Britain and Hindoostan. All the acquisitions made during the war, were given up, save Salsette, and the small islands situated within the gulf formed by Bombay, Salsette, and the continent.

The government at Poonah, during the minority, was shared among a junto of Ministers: and it is probable that so long a minority, may yet make some essential changes in the constitution of a state, so accustomed to revolutions in the superior departments of its government. The present Paishwah, by name Madarow (son of Narain Row, as beforementioned) was born in 1774.

The eastern Mahratta State, or that of Berar, under Ragojee, kept itself more free from foreign quarrels, than the other: but had its share of intestine wars. For Ragojee, dying, after a long reign, left four sons, Janojee, Sabajee, Modajee, and Bembajee. The first succeeded his father: but dying childless, in 1772, a civil war commenced between Sabajee and Modajee: the former of whom fell, in 1774; and the latter still holds the government of Berar, &c.: and Bembajee administers those of Ruttunpour and Sumbulpour, under him: though, I believe, with less restraint from his superior, than is ordinarily imposed on Governors of provinces. Ragojee, the father of the present Rajah of Berar, being a descendant of Sevajee, the original founder of the Mahratta state, the present Rajah is therefore by descent, the lawful Sovereign of

# [ Ixxxix ]

the whole Mahratta state; the Poonah branch being extinct \*: but it appears that he wisely prefers the peaceable possession of his own territories, to risking the loss of them, where the object is no more than the nominal government of an empire, which even manifests symptoms of speedy dissolution.

It is not likely that either of the Mahratta states will soon become formidable to the other powers of Hindoostan. The eastern state has not resources for it: and as for the western, it cannot well happen there, until some one of its Chiefs has gained such an ascendancy over the rest, as to re-unite that divided power, to which the late confusions in their government, gave birth. It requires some length of time to reduce a feudal government to a simple monarchical one: and till then, the western Mahratta state cannot be formidable, to the British power, at least. If Sindia proceeds with his conquests to the north and west, and establishes a new empire in Malwa, &c. this Mahratta state (the western) must be extinguished; and such a new empire would, perhaps, prove more formidable to Oude, and to the British interests, in consequence, than any power we have beheld since the first establishment of the British influence in India.

<sup>\*</sup> Some believe that a Rajah of Sevajce's line is shill living; shut up in the fortress of Sattarah. It is certain that the new Paishwahs go thither, to receive the investiture of their office; as they were accustomed to do, in former times: whether such a Rajah be in existence, or otherwise, is of no importance to the state, as matters are now constituted.

Conquests of European Powers, fince the downfall of the Mogul Empire.

AMONG the new powers that arose on the downfall of the Mogul empire, we must not forget to mention the French and English. As for the Portuguese, their power had past its meridian, before this period: besides, their views being (apparently) confined altogether to traffick, they wisely made choice of insular situations; such as Goa, Bombay, Salsette, Diu, &c.; and never appear to have possessed any very considerable extent of territory, although they kept on foot a large army of Europeans. The Dutch system was nearly the same: and their prosperity, in a great measure, grew out of the missortunes of the Portuguese; who having fallen under the dominion of Spain, became obnoxious as well to the jealousy of rivalship, as to the revenge of the Hollanders.

The French power was but of fhort duration, but remarkably brilliant. It was a bright meteor, that dazzled at first, but which soon burnt itself out, and left their East India Company in utter darkness. It commenced during the government of M. Dupleix at Pondicherry, in 1749. The French having affisted a Soubah of the Deccan in mounting the throne, attended his future sleps with an army, and established an influence in his councils, that promised to be permanent: but which vanished very early, by the mere breath of Court intrigue: for while M. Bussy, at the head of the French army, was at Sanore, in the western quarter of the peninfula (in 1756) a quarrel with the Minister of the Soubah, effected the dismission of the French. They were then compelled to retreat through an enemy's country for near 300 miles, until they reached

Hydrabad; where they fortified themselves, and waited for a reinforcement from Masulipatam, their nearest settlement; which was upwards of 200 miles from Hydrabad. Great ability was discovered by M. Buffy, on this memorable occasion: an account of which, as well as of M. Buffy's warfare and negociations in general, will be found at large, in Mr. Orme's invaluable history of the military transactions of the British nation, in Hindoostan. At Hydrabad, the quarrel was compromised: and the following year (1757) and part of the next, was spent by M. Bussy, in reducing the refractory Rajahs, or Zemindars, in the northern circars; and in assisting the Soubah in the execution of his own plans. But in the midst of these transactions, he was suddenly recalled into the Carnatic, by M. Lally; who determined to collect the whole force of the French, within that quarter: fo that the Soubah was left at full liberty to accede to the proposals of the English. Lally was also justly accused of being jealous of the fame of M. Bussy.

The circars, the fruits of M. Bussy's wars and negociations in the Deccan (and which had been obtained in 1753) yet remained to the French: but Colonel Clive, who was at this time Governor of Bengal, with that promptitude and decision which so strongly marked his character, seized on them, with a force from Bengal, in 1759; although they were defended by a much superior one: and the French were deprived of resources to carry on the war in the Carnatic. So that Lally failed to accomplish the purposes for which the French interest in the Deccan had been relinquished; namely, that of expelling the English from the Carnatic: for, on the contrary, the French not only lost all their possessions in that quarter, but in every other part of India. Thus, their political existence may be said to begin, in 1749 ; and to end in 1761, by the capture of their principal fettlement, Pontlicherry. They appear to have been the first European power, that trained the natives of India to regular disc.

pline\*; as well as the first who set the example of acquiring territorial possessions, of any great extent, in India: in which thay have been so successfully sollowed by the English.

THE expedition of the British troops into Tanjore, in 1749, was the first warfare in which they were engaged, against the forces of an Indian Prince: and it proved unsuccessful, as to its main object; which was, the restoration of a deposed King, or rather Rajah, of Tanjore, who had applied for affistance to the Governor of Fort St. David. The price of this assistance, was to be the fort and territory of Devicottah; fituated at the mouth of the Colcroon, or principal branch of the Tanjore river: and this fort, notwithstanding their want of fuccess in the cause of the deposed Rajah, the Company's troops, aided by the fleet under Admiral Boscawen, took possession of, after a short siege. In the following year they were called on, by the circumstances of the times, to take part in the disputed succession to the Nabobship of Arcot, in opposition to the French: who (as has been before observed) had taken the lead, both in the affairs of the Carnatic, and of the Deccan. We have also observed, that Nizam-al-Muluck, Soubah of the Dectar, had placed Anwar o'dien in the Nabobship of Arcot, (in 1743): and that the death of the fame Nizam, in 1748, had occasioned a considerable change in the politics of the Deccan; in which the French engaged so deeply. Chunda Saib was the person whom the French wished to raise to the government of Arcot: and the expulsion of the family of Anwar o'dien, was a necessary step towards it. These contests, which had been carried on with great credit to the British arms, were put an end to, by the interference of the two East India

Companies,

<sup>\*</sup> I am far from being well informed concerning the early history of the Portuguese in India: but by a passage in Mr. Orme's Historical Fragments, page 175, it would appear that they had not, in 1633, trained the natives to regular discipline. He says, "The Viceroy of "Gon took the field (against Sambajee) with 1200 Europeans, and 25,000 natives of his own territory." From the confined limits of the Portuguese territories, we may conclude that these were the ordinary inhabitants only.

Companies, in Europe, in 1754: and Mahomed Ally, fon of Anwar o'dien, (who had fallen in the course of the war,) was left in possession of the Carnatic: or, at least, of that portion of it, which had been recovered to him, by the British arms. The particulars of these wars, will be found in Mr. Orme's history, volume the first.

War breaking out in Europe, in 1756, the truce was reduced to a very short period. The first object of the British Councils, was to wrest the northern circars out of the hands of the French; as their revenue surnished them with the means of paying their army. The second was to drive M. Bussy's force out of the Deccan, by means of an alliance with the Nizam, or Soubah. Both of these projects were at this time deseated: the first by the miscarriage of dispatches to India: the second, by the capture of Calcutta, the chief British settlement in Bengal, in June 1756: and which induced the necessity of relinquishing every plan of hostility in the Deccan and Carnatic: in order that a force might be spared, sufficient to accomplish the recovery of so important a settlement as Calcutta; on which the whole trade to Bengal depended.

Aliverdy Cawn, Nabob of Bengal, died in 1756, and was fucceeded by his grandson Surajah Dowlah. This young man either was, or pretended to be, irritated at the conduct of the English, within his dominions; and was probably, jealous of the rising power of Europeans in general, in other parts of India. He determined to expel the English (at least) from Bengal: and accordingly took their fort at Calcutta, and compelled those among them, who were not made prisoners, to retire. In the following year, an armament from Madras, under Admiral Watson and Colonel Clive, not only recovered the settlement of Calcutta, but brought the Nabob to terms. The sword, however, being thus drawn, no permanent security could be expected on the side of the intruders, unless supported by power: which could not be obtained, while a Nabob, inimical to their interests, possessed the whole powers the kingdom. Suspicions on both sides soon brought that a

crisis:

criss: and Jassier Ally Cawn, an Omrah in high trust and favour with the Nabob, was negociated with; and, on condition of their affifting him in his views towards the throne, engaged to be their future Ally and confederate; for, fo much were matters changed by the late essay of their strength, and by the genius and good fortune of Clive, that protection would ill express the current expectation of the British. The famous battle of Plassey, fought in June 1757, and in which, Jaffier aided the accomplishment of their wishes, by standing neuter, laid the foundation of the future power of the British nation, in Bengal and Hindoostan. From that time, they became the arbiters of the succession to the Nabobship of Bengal; which speedily led to the possession of the powers of government: for Cossim Ally, who had been placed in the room of Jassier, difliking his fituation, resolved to hazard a change at all events; and this brought on a war, which ended in the expulsion of Cossim, and left the Bengal provinces in the possession of the English, who restored Jastier to the Nabobship. He had been deposed, on a charge of imbecility, in 1760, and was restored in 1763. Cossim retired to Sujah Dowlah, Nabob of Oude, and prevailed on him to espouse his cause. Sujah had distinguished himself in the celebrated battle of Panniput, in 1761; and is reported to have had a confiderable share in turning the fortune of the day, at the very moment when victory inclined towards the Mahrattas. Whether he over-rated his own talents for war; or mistook the military character and resources of the British, he, however, engaged too rashly in the war: and the consequences were, a total deseat of his forces, joined with Cossim Ally's, at Buxar, in 1764: and this was followed by the loss of all his territories, during that and the following year.

Those, whose belief has been staggered by the accounts of the conquests made on the Indians and Persians, by the Grecian, Patan, and Mogul armies, may reconcile their doubts by attending to the events of their own days; in which a handful of French troops, effected

effected revolutions in the Deccan: and another of British, made an entire conquest of Bengal, Bahar, and Oude, in little more than two campaigns. Each of those conquerors, both ancient and modern, after gaining certain advantages, pursued them by means of levies raised in the conquered countries themselves; and thus rendered the vanquished subservient to the final reduction of their own country. This was even the case of Alexander, who set out with 35,000 men, and lest India, with 120,000. Such measures could only be pursued in countries, where the habit of changing their Governors, had rendered the governed indifferent to the choice of them. Even the whole number of combatants on the side of the British, did not exceed 7000, at the battle of Buxar: and of these 1200 might be Europeans. The battle of Plassey was gained with an army of about 3000 men; of whom 900 only, were Europeans.

Lord Clive, who reassumed the government of Bengal, in 1765, found matters in the state I have represented. He feized the opportunity of taking possession of the Bengal provinces; the Nabob Jaffier Ally being just dead; and obtained from the nominal Mogul. Shah Aulum (who, together with his nominal Vizier, Sujah Dowlah, had, as before related, thrown themselves on the generosity of the British); a grant of the duanny, or administration of the revenues of Bengal, Bahar, and Orista; on condition of paying the Mogul 26 lacks of rupees per annum (260,000l.). Thus a territory producing at that time, at least a million sterling, per annum, after every expence was defrayed, and containing at least ten millions of inhabitants, was gained to the Company, on the fide of Bengal: together with the northern circars, valued at near half a million more, and for which a grant was also obtained. Dowlah had all his territories restored to him, except the provinces of Corah and Allahabad, which were retained for the Mogul; together with the fortress of Allahabad, which was affigned to him, as a proper place of residence.

Although the English were thus firmly and peaceably established in Bengal, in 1765, yet within two years afterwards, they were engaged in a very arduous contest in the peninsula, with Hyder Ally, the Sovereign of Mysore, leagued with the Nizam or Soubah of the Decean. Hyder's history is now so well known to the generality of readers in Europe, by means of the several publications that have lately appeared \*, that it will be unnecessary to give any thing more than a short abstract of it, here.

Hyder Ally was a foldier of fortune, and the fon of a perion who served in quality of Killadar, or Governor of a small fortress, to one of the Kings of Mysore. He is said to have acquired the rudiments of war, in the French camps: and in the year 1753, distinguished himself, as their auxiliary, in the plains of Tritchinopoly. About ten years afterwards, being then at the head of the Mysore army, he dethroned his Sovereign, and governed under the title of Regent. Soon after, he extended his dominions on every fide, the Carnatic excepted: the fine province of Bednore (or Biddanore) and the Patan Nabobships of Cuddapah, Canoul, &c. besides some Mahratta provinces towards the river Kistna; and the country of the Nairs, and other small states on the Malabar coast: were added to his original possessions; millian last he was at the head of a state, in extent equal to Great Britain, and producing a gross revenue of four millions sterling. The civil broils and revolutions in the western Mahratta state, particularly in latter times, allowed Hyder to aggrandize himself at its expence; but he, neverthelefs, received some severe checks from that quarter. He was not arrived at the height of his power, when the war between him and the English, broke out, in 1767: but his power was fuch as to alarm his neighbours, and a resolution was taken to attack him. The Mahrattas under Maderow, entered Hyder's country on the side towards Visiapour; and the Nizam, joined by a de-

tachment of British troops, moved from Hydrabad towards the frontier of Mysore, soon after. Hyder first contrived to buy off the Mahrattas with a large fum of money, and the restitution of some of the places he had taken from them. Next, he negociated with the Nizam, and had the address, not only to detach him from the English, but to draw him over to his party: so that the English detachment was compelled by necessity to retire to the Carnatic; on the frontiers of which, their grand army was now affembling. Besides the whimsical character of the Nizam, several other circumstances might conspire towards the determining him to act in the manner he did. The grant of the northern circars, and the emancipation of the Carnatic from any dependance on the Deccan, both of which were obtained from the Mogul, by the English; could not but be very mortifying to the Nizam; as having the appearance of a forcible partition of his territories. The circars, however, came into their hands (as we have feen) by conquest from the French, to whom they were originally granted by a former Soubah of the Deccan: so that the grant from the Mogul was merely nominal: besides, the Nizam had been prevailed on to acquiesce in the measure, by an offer on the part of the English, of five lacks of rupees (50,000l.) per annum, by way of tribute or quit rent. As to his superiority in the Carnatic, it had ever been nominal; vet Hyder, who now meditated the conquest of it, was glad to obtain from the Nizam, a grant, or Sunnud, for the Nabobship of it: and from this time, at least, he considered Mahomed Ally as his rival. It is proper to observe, that in the days of Mahomed Ally's diffress, when he possessed only a small part of the Carnatic, he had engaged to cede the fortress of Tritchinopoly, a most important post in the southern division of it, to the King of Mysore, for affiftance then afforded him: but this engagement never being performed. Hyder, as might be expected, adopted the claims and resentments of the Prince, whose throne he had taken possession of; and never lost fight of his title to Tritchinopalus the engageengagement been fulfilled, it would have had the effect of feparating for ever, from the Nabobship of the Carnatic, the provinces of Tanjore, Madura, and the rest of the southern provinces.

The war that immediately followed, was productive of some sharp battles, on the common frontiers of the Carnatic and Myfore: besides which, a strong detachment of the British army seized on Hyder's province of Coimbettore, a fertile district on the south of Mysore, and commanding the readiest way to Hyder's capital, Seringapatam. This was the first war in which the British arms had met with any steady opposition from a Prince of the country; for in the affair of Tanjore, in 1749, their arms were triumphant in the end, by the taking of Devicottah, their proper object. war was continued with various fuccess, during the years 1767, 1768, and part of 1769; when Hyder, with a strong detachment of chosen troops, chiefly horse, giving the British army the slip, came within seven miles of Madras, and dictated a peace to the Government of that place. This peace was difreputable to the British Councils only: since the hands of the commander in chief (General Joseph Smith) were tied up, at the very moment, the most favourable for striking a blow; and when Hyder, fearing the General's approach, could purchase his security no nother way than by intimidating Government into the measure of laying their commands on the General, not to advance; by which measure he might possibly have cut Hyder and his detachment to pieces.

The Nizam, very early in the war, had been detached from Hyder's alliance; chiefly by the strong measure of sending a detachment from Bengal, into the heart of Golconda; which made him tremble for his capital. Hydrabad.

The peace left matters much in the same state as before the war: and whatever credit Hyder might have gained by the conclusion of it, was done away by the total defeat which he suffered, in 1771, from the Mahratta army, within a few miles of his capital; into which he escaped with great difficulty, with a small remnant of

his army, and afterwards defied the attacks of his numerous enemies, who possessed neither the skill, nor the ordinary requisites for a siege. Hyder waited in patience, until the enemy by desolating the country, were compelled to leave it. A few years of peace not only restored matters to their former state, but improved both his revenues and his army, to a degree beyond probability; and at the same time, the distractions that prevailed among the Mahrattas, enabled him to extend his territories at their expence. Such are the effects of firmness, perseverance, and economy.

It may be asked, how the Mahrattas, who are represented as so inferior in point of discipline to Hyder's troops, came to defeat him? It is accounted for, by the vast superiority in numbers of the Mahratta army (chiefly horse) which surrounding Hyder's troops, cut off their supplies of provisions, and compelled them to retire towards their capital; through a level, open, country, the most savourable to the attacks of cavalry. Hyder's army was; formed into one vast hollow square, and marched, closely surrounded by the Mahrattas; when the advanced front of the square making too hasty a step, separated from the others; and the Mahrattas, pushing through the openings thus made, threw Hyder's wholearmy into irreparable disorder.

We have spoken before concerning the treaty made with the Nabob of Oude, and the mutual advantages derived to both parties; but particularly to the British, from the mode of desence adopted for Oude; considering it as a common frontier to both states: as also, concerning the departure of the Mogul, in 1771; which threw the Corah, &c. provinces, into the hands of Sujah Dowlah,

It may be supposed, that the opposition made to the Mahrattas, when they attempted to take possession of those provinces in 1772, must have created some disgust. Indeed the British Government had long considered the Mahrattas, in the general scope of their designs, as inimical to its interests. In 1773, the Mahrattas crosses the Ganges to invade the Rohilla country. A british the

British army, marched to the western frontier of that country, and drove the Mahrattas across the river. For this protection, the Rohilla Chiefs had stipulated to pay Sujah Dowlah forty lacks of rupees: (it must be observed that the British army moved, only as his allies) but when this effential fervice was performed, the payment of the money, was evaded. This breach of treaty led to the invasion and conquest of the Rohilla country, the following year, 1774. A confiderable tract of land in the Dooab was also conquered from the Jats, and other adventurers; by which the boundary of Oude was advanced westward within 25 miles of Agra; north-westward, to the upper part of the navigable course of the Ganges: and fouth-westward to the Jumna river. In the following year (1775) on the death of Sujah Dowlah, and the accession of his fon Azuph, a new treaty was made with the British Government, by which the quantum of the subsidy for the use of the brigade, was increased, and the province of Benarcs, which produced a clear revenue of 240,000l. per annum, was ceded to the Company.

The war with the Poonah, or western Mahrattas, of which we have already spoken (in page lxxxvii) occasioned the march of a brigade across the continent to the side of Bombay and Surat in 1778-9. This is, perhaps, the most brilliant epoch of the Brigsh military history in India. The brigade, which consisted of less than 7000 men, all native troops, commanded by European officers; marched from the banks of the Jumna, to the western sea, in despight of the Mahrattas, whose empire they traversed almost the whole way. The French war breaking out at this time, and Hyder Ally expecting a communion of interests with the French, he, in the Autumn of 1780, broke into the Carnatic with 100,000 troops; and those, both of foot and horse, the very best of their kind that had ever been disciplined by a native of India. His success, in cutting to pieces Col. Baillie's detachment; and the consequent retreat of the Carnatic army; occasioned the British in-

terests

terests in that quarter, to be given up for lost, in the opinion of most people in Europe. Happily, Mr. Hastings and S. Eyre Coote thought otherwise: and there was fent from Bengal, to the relief of the Carnatic, a brigade of about 7000 men: together with ample supplies of money, and provisions. Until the arrival of these troops and supplies, the British possessed nothing more in the Carnatic, than the ground occupied by their camps and fortresses. Under Sir Eyre Coote, Hyder was fuccessfully combatted during two campaigns; at the end of which (October 1782) he found the possession of his object, the Carnatic, at so great a distance, that he appeared to be fincerely defirous of peace. So vast an army as he brought into the field, could not long be supported in it, by the revenues of Myfore alone; and the Carnatic was quite exhausted. Anticipation of revenue in Afiatic governments, has an immediate destructive effect; and cannot often be repeated. Hyder therefore faw the necessity of quitting his ambitious projects; and probably would never have purfued them, had he not expected a more early and effectual co-operation on the fide of the French; with whose affiftance he hoped to effect our expulsion, in a campaign or two. But he became, perhaps, more jealous of the French than of the English; and had the peace of Paris left the Carnatic in his hands, instead of Mahomed Ally's, the French would eventually have been on a worse footing than they are now likely to be: for he certainly never intended that they should assume any character in it, beyond that of merchants; although their object was the obtaining of a territorial revenue; without which, they well know, no. European power can eafily effect any thing against another, already in possession of one. In this disposition of mind, Hyder died soon \*

o 2 after 3;

The character of the late Hyder Ally appearing to me to be but little anderflood in this part of the world. I have contared to attempt an outline of it. His military faces, founded of improvement of disciplines, attended to every kind; conciliation of the different that ferved under his barnets; conferent of lates and corremny, except what with from the dignity of his character; and his confequent economy in perform ferent habits of which, form the chief distinction of what is called Character than the content of the chief distinction of what is called Character than the chief distinction of what is called Character than the content of the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction of what is called Character than the chief distinction than the chi

after; and was succeeded by his fon Tippoo, who seemed determined to profecute the war. It was supposed that an attack of Tippeo's provinces, on the west of India, would, by giving an immediate entry into the most valuable part of his dominions, draw him from the Carnatic: and although there could be little doubt of its producing this effect, yet that part of the plan, which regarded the retreat, or security of the troops, afterwards; does not appear to have been fo well concerted. The deplorable end of this detachment \*, which was commanded by General Matthews, is too well known. At last, Tippoo finding that the Mahrattas, his natural enemies, were at peace with the English, and consequently at liberty to pursue their ancient enmities; and moreover that the French had left him; he condescended, though reluctantly, to make peace: and matters were restored nearly to the condition they were in, before the commencement of hostilities. This peace was figned in March 1784, at Mangalore.

During the whole course of Sir Eyre Coote's warfare with Hyder Ally, it appeared, that nothing decisive could be accomplished, while the latter possessed so large a body of excellent cavalry, together with draught cattle so superior to ours, that his guns were always drawn off, and their retreat covered; although his army was beaten. The inconveniencies arising from the want of a sufficient body of cavalry, may, perhaps, be incurable; but with early and proper attention, we might surely have our choice of draught cattle.

Sir Byre Coote survived Hyder only about five months. It is a remarkable circumstance that the Commanders in Chief of two armies, opposed to each other, should both die natural deaths, within so short a space of time.

\* In April 1783.

Princes) together with his minute attention to matters of finance, and the regular payment of his army; all these together, raised Hyden as far above the Princes of Hindoostan, as the great qualities of the late Prussian Monarch raised him above the generality of European Princes: and hence I have ever considered Hyder as the Frederick of the East. Cruelty was the vice of Hyder: but we are to consider that Hyder's ideas of mercy were regulated by an Assatic standard; and it is not improbable that he might rate his own character for moderation and clemency, as far above those of Tamerlane, Nadir Shah, and Abdallah, as he rated his discipline above theirs.

We have flightly mentioned a general confederacy of the powers of Hindoostan, against the British. The Nizam or Soubah of the Deccan, having taken difgust at the conduct of the Madras Government towards him, in 1779, determined on a very deep revenge. This was no less than to engage all the principal powers of Hindooftan and the Deccan to join in a confederacy to expel the British. The Poonah Mahrattas were already engaged, and Hyder preparing; there remained the Nizam himself, and the Berar Mahratta\*. Each party was to pursue a particular scheme of attack, suited to his local position and means. Hyder was of course, to attack the Carnatic: the Nizam, the circars: the Poonah Mahrattas were to keep the Guzerat army under Goddard, employed; and the Berar Mahratta was to invade and lay waste the Bengal and Bahar provinces. It has been the fate of most of the grand confederacies that we meet with in history, that they have terminated rather in mutual blame, than mutual congratulation. The truth is, that they are feldom, if ever, purfued with the same unity of action, and energy, that are displayed by single states. Some are more deeply interested than others: one sears that another will be too much aggrandized; and a third is compelled to take part, contrary to his wishes. In the present case, the Poonah Mahratta and Hyder were each pursuing their proper, original plans, which had no reference to the particular object of the confederacy: the projector (the Nizam) had probably no intention ever to act at all: and the Berar Mahratta, appeared to act on compulsion: for although the Berar army did march, it was contrived that it should never arrive at the projected scene of action. Be it as it will, it was an awful moment for the British interests in India. The speedy pacification of the Nizam, and the money advanced to the Berat army at Cattack (call it by what denomination we may, fubfidy, or

It has been faid, that Nudjust Cawn, who in latter times erected for himself a minute in the Soubah of Agra, made a fifth party in this confederacy. Of this circumstance is not fasticiently informed.

loan) were means very opportunely used by the Bengal Government. Indeed the whole conduct of the war was such as reflected the highest honour on that government: and when we successively were made acquainted with the news of the capitulation of the whole Bombay army in 1779; of the total annihilation of the flower of the Madras army in 1780; the approach of the Berar army towards Bengal in 1781 (which seemed to preclude all possibility of relieving the Carnatic by a brigade from Bengal) together with the grand confederacy: I fay, when the news of all these misfortunes, and threatening appearances reached Europe, every one had made up his mind to the certain loss of some capital settlement, or to the mutiny of one of the grand armies, for want of pay: and many persons thought that they saw the total destruction of the British influence and power in India. How then were we furprised, to find, that notwithstanding all these miscarriages, we were able, foon after, not only to face, but to feek the enemy in every quarter: and to hear of victories gained by the British armies, when we expected that even the very ground they fought on, had been abandoned to our enemies!

The establishment of the British power in the Mogul empire, has given a totally different aspect to the political face of that country, from what it would have worn, had no such power ever existed. No one can doubt that the Mahrattas, had they been left to pursue their plans of conquest, would have acquired Corah and Allahabad in 1772, as well as the Rohilla country in 1773: and afterwards they might have over-run, at their leisure, the province of Oude, and its dependencies. The British interference prevented this. On the other hand, Hyder might have kept possession of the Carnatic. Some may be tempted to ask whether Hyder might not be as good a Sovereign as Mahomed Ally; or the Mahrattas, as Azuph Dowlah? Whatsoever may be the answers to these questions, they have no reference to the British politics; which require that Hyder or Tippoo, should not possess the Carnatic, in addition to Mysore:

Mysore: and that the Mahrattas should not possess Oude, or Rohilcund.

I believe there are many who think that the British might have extended their possessions in Hindoostan, ad libitum: however, one of the greatest of our Indian statesmen, Lord Clive, thought that the Bengal provinces and the circars, together with a moderate tract of land round Madras \*, and the island of Salsette, near Bombay; were fully equal to the measure of good policy, and to our powers of keeping possession. Nor have his successors acted otherwife: for our wars fince his time have not been wars of conquest for ourselves; though erroneously represented as such. The late war in India may convince fuch persons, as require conviction on the subject, that conquests made either on Tippoo, or the Mahrattas, could not be preferved with such an army as the revenues of the conquered tracts would support. We got possession of Bengal and the circars, under circumstances particularly favourable: such as may never occur again.

The Bengal provinces which have been in our actual possession near 23 years, (that is, from the year 1765, to the present time) have, during that whole period, enjoyed a greater share of tranquillity, than any other part of India; or indeed, than those provinces had ever experienced, fince the days of Aurungzebe. During the above period of 23 years, no foreign enemy has made any incursion into any part of them, nor has any rebellion happened in any of the provinces (the very inconfiderable one of the Zemindar of Jungleterry, in 1774, excepted +). Previous to the establishment of our influence, invasions were frequent, particularly by the Mahrattas: and one province or other was ever in rebellion; owing to a want

<sup>\*</sup> That is, the Carnatic being already the property of another. No one can dodbt but that it would be more for our advantage to have the largest part of the Carnatic in our own hands, than in those of Mahomed Ally; although the whole revenue of it should be laid out in its defence. But the Carnatic is our weak side, in more respects than one.

† The province of Bearres, in which a Rebellion happened in 1781, is although the Bengal provinces. It was could to the British, as has been observed above.

of energy in the ruling power; an ill paid, and mutinous army; or an excess of delegated power. Those who know what miseries are brought on a country by its being the feat of war, will know how to appreciate the value of fuch a bleffing, as that of having the horrors of war removed to a distance from our habitations. There are, doubtless, evils that are inseparable from the condition of a tributary state, where the supreme ruling power, resides at the distance of half the circumference of the globe: but these are I hope, amply ballanced by the advantages of military protection: and it is a fact not to be controverted, that the Bengal provinces have a better government, and are in a better state, as to agriculture and manufactures, than any other of the Afatic countries, China alone excepted. But this state is doubtless very susceptible of improvement, even under a despotic government: though it unfortunately happens that the grand object for which the Bengal provinces are held, militates against the ease and happiness of their inhabitants: for there can be no inducement to increase a national income for the purpose of finally enriching another nation.

The state into which Hindoostan has fallen since the downfall of the Mogul empire, is materially different from what it was before it was united under the Mahomedan conquerors. It was then parcelled out into several moderate kingdoms, which appear to have preserved a degree of balance among themselves: but now, Hindoostan and the Deccan may be said to consist of six principal states, which hold as tributaries, or seudatories, all the inserior ones; of which there are many. The reader will not be at a loss to know that the two Mahratta states, the Nizam, Tippoo, the Seiks, and the British, are those I mean: for whatever verbal distinctions may be made, a compulsive alliance is at least a dependant; if not in fact, a tributary situation.

I have ran over the events of the late war in India, with a brevity which may probably be deemed censurable, considering their importance and variety. But I reslected that the accounts of those

# [ cvii ]

events are in every body's hands; and that every day produces some fresh matter, illustrative of them. The history of events that have happened, and that have also been recorded, in our own times, may be referred to, by the aid of memory; their connexion or dependency traced; and their chronology ascertained: but it was necessary to bring the events of a remoter period more within the view of the reader; the public records of those times being less copious, as the scenes recorded, were less interesting to public curiosity.

# GEOGRAPHICAL DIVISION of HINDOOSTAN, into Provinces or States.

HE following account is divided into two parts: the first of which, contains the provincial divition of the empire, under the Moguls, fo far as the particulars have come to my knowledge; the other contains the present division of it, into independant states, of very unequal extent and power. It will not be expected that the revenues or military force, of those states, should be, in general, well ascertained; or that the exact relation in which many of the inferior provinces stand, to the more powerful ones in their neighbourhood, should be correctly known: since the knowledge requifite for fuch a detail, can only be collected from persons who have had opportunities either of making the proper enquiries on the fpot, or of confulting fuch documents, as have received the fanction of authority. In some instances, it has been found impossible to refort to authorities of this kind; as there are large tracts within this widely extended country, which no European of character (as far as I have heard) has visited, of late years. To this may be added, that the changes are so frequent, that the progress of enquiry and information would scarcely keep pace with them, throughout the whole region.

# ACBAR'S DIVISION of HINDOOSTAN.

I SHALL not attempt to trace the various fluctuations of boundary that took place in this empire, fince the wra of the Mahomedan conquests, according as the seat of government was removed from Ghizni to Lahore, to Delhi, or to Agra, as fuited the politics of the times. It is sufficient for my purpose that I have already impressed on the mind of the reader, an idea that the provinces of Hindoostan proper have seldom continued under one head, during a period of twenty successive years, from the earliest history, down to the reign of Acbar in the 16th century: and that Malwa, Agimere, Guzerat, Bengal, &c. were, in turn independent; and that fometimes the empire of Delhi was confined within the proper limits of the province of that name.

During the long reign of Acbar in the 16th century, the internal regulation of the empire was much attended to. Enquiries were fet on foot, by which the revenue, population, produce, religion, arts, and commerce of each individual district, were ascertained, as well as its extent and relative position. Many of these interesting and useful particulars, were, by Abul Fazil, collected into a book called the \*Ayın ACBAREE, or Institutes of ACBAR; and which, to this day, forms an authentic register of these matters. Acbar began by dividing HINDOOSTAN PROPER into eleven foubahs + or provinces, some of which were in extent equal to large

<sup>\*</sup> It is with pleasure I inform the reader, that an English translation of the whole Avin Acbaree has been made, and published in Bengal, by Mr. Gladwin; and was begun under the patronage of Mr. Hastings; to whose muniscence, and attention to useful literature, the

world will be indebted for the means of access to a most valuable repository of intelligence respecting the former state of Hindoostan.

An account of the contents of the Ayın Acbarce, will be found at the end of Mr. Fraser's history of Nadir Shah.— Catalogue of Oriental MSS. page 12.

† It is probable that Acbar might have changed the boundaries of some of the old southhan, by adding or taking away certain circars, by way of rendering each province recording and the provincial capital more contrical to the several parts of it.

European kingdoms. The foubahs were again divided into circars, and these sub-divided into purgunnals. If I was to apply English names to these divisions, I should style them kingdoms (or vice-royalties) counties, and hundreds\*. The names of the eleven soubahs were Lahore, Moultan (including Sindy) Agimere, Delhi, Agra, Oude, Allahabad †, Bahar, Bengal, Malwa, and Guzerat ‡. A 12th soubah, that is, Cabul, was formed out of the countries contiguous to the western sources of the Indus, and included Candahar and Ghizni; and three new ones were erected out of the conquests in the Deccan: viz. Berar, Candeish, and Amednagur; in all sisteen.

A flight inspection of the map will afford more information respecting the relative positions of these soubahs to each other, and to the adjacent countries, than whole sheets of writing. It may be necessary, however, to make a few remarks on the boundaries of those soubahs that bordered on the Deccan, in order to understand the extent of the new conquests.

Guzerat, then, extended fouthward to Damaun, where it touched on the district of Baglana, a division of Amednagur.

Malwa extended to the fouth of the Nerbudda river; and an angle of it touched on Baglana and Candeith on the fouth-west and south, and on Berar on the east. The Nerbudda formed the rest of the southern boundary of Malwa, and also of Allahabad. The government of Bengal extended to Cattack and along the river Mahanuddy; but the soubah of Orissa appears not to have been formed at that time.

Of the newly erected soubahs in the Deccan, Candeish & the smallest of them, occupies the space between Malwa on the north, Berar on the east, and Amednagur on the west and south.

<sup>\*</sup> Few circars are of less extent than the largest English counties.

<sup>+</sup> Called also Illahabad.

I Guzerat is by some of the Hindoos confidered as lying without the limits of Hindoostan. Vide Berar Rajah's letters.

<sup>[]</sup> Called also Cuttack.

§ Named by Acbar, Danbeish, in honour of Prince Danial; but at present it bears its old mane.

Berar, according to the prefent definition, has Allahabad and Malwa on the north; Candeish and Amednagur on the west; Tellingana and Golconda on the fouth; and Oriffa on the east. I apprehend that only the western parts of Berar were reduced by Acbar.

Amednagur \*, the fouthmost of Acbar's foubahs, had Candeish and Malwa on the north; the Gatte, or Balagat mountains on the west; Bejapour (or Visiapour) and Tellingana on the fouth; and Berar on the east. The limits of this soubab (Amednagur) are not defined in the Ayin Acbaree; and as Acbar had wars in the Deccan during almost his whole reign, it may be supposed that its limits were perpetually fluctuating.

Tellingana, which in the Ayin Acbaree is called a circar of Berar, was poffessed only in part by Acbar. Tellingana, of which Warangole + was the capital, comprehended the tract lying between the Kistna and Godavery rivers, and east of Visiapour: (answering to the modern province of Golconda) and was probably in more early times, an extensive kingdom; as the Tellinga language is said to be in use, at present, from the river Pennar in the Carnatic, to Oriffa, along the coast; and inland to a very considerable distance.

Thus we have a standard for the geographical division of Hindoostan proper, in the time of Acbar; but for the Deccan in general, no authority on record has ever come to my knowledge. It appears that Acbar reduced the western side of it, as far slown as the 18th degree of north latitude: and under his fuccessors, the remainder of it, together with the peninfula, as we have already feen, was either entirely subjected, or rendered tributary to the throne of Delhi (the mountainous tracts held by the Mahrattas, excepted) and formed into one government under the name of the

<sup>\*</sup> The capital of this founds being originally established at the city of Amednagur, it gave name to the whole province, but the name of the fortress of Dowlatabad has in turn superfield it. In like manner the name of Tellingana has now given way to that of Golconda.

† Called Arinkill by Ferishta. The rampart of this place can still be traced that it must have been a place of vast extent.

Deccan\*; which name, in its most extensive signification, includes the whole peninsula south of Hindoostan proper. However, in its ordinary acceptation, it means only the countries situated between Hindoostan proper, the Carnatic, and Orissa; that is, the provinces of Candeish, Amednagur, Visiapour, Golconda, and the western part of Berar. When the Mogul empire was extended to its utmost limits, by the addition of this vast province, its annual revenue exceeded 32 millions of pounds sterling †: and to enable the reader to make a just estimation of its absolute value, it is necessary to repeat, that the products of the earth are about four times as cheap in Hindoostan, as in England.

<sup>†</sup> Mr. Fraser, in his Life of Nadir Shah, states the revenues of the provinces under Aurengzebe, as follows:

To 11.			Lacks of	Rupees.	Lucks of Rupees.
Delhi	-	•	-	305분	Orissa 36
Agra	-	•	-	2861	Cabul, and Cashmere - 973
Agimere	-	-	•	162	Malwa 101
Moultan	-	-	-	54	Guzerat 152
Sindy		, 	-	23	Berar 1531
Lahore or	Panjab	-		206+	Candeish 112
Oude	`_	-	-	80÷	
Allahabad		•	-	114	Dada.
Bengal *	1		_	131	77 1 1 1 7 7 1
Bahar			_	1017	17:C
		-	-	1012	Vinapour 2692

Total-30 crores, 18 lacks of ficca rupees, or about 32 millions of pounds sterling.

<sup>\*</sup> I do not mean to infinuate that the country in question fust obtained its name of Deccan, under the successors of Acbar: on the contrary, it has been so distinguished from the earliest times. It signifies the South; as Poorus does the East, when applied to Bengal and its dependencies.

<sup>\*</sup> Bengal is rated in the Ayin Acbaree (towards the close of the 16th century) at 149\frac{1}{2} lacks; in Sujah Cawn's Nabobship, A.D. 1727, at 142\frac{1}{2}; and in 1778, at 197 lacks, net revenue.

#### PRESENT DIVISION of HINDOOSTAN.

HAVING given this very general idea of the original division of India, I shall next endeavour to convey an idea of the present division of it, as far as respects the principal states, or the powers that have appeared on the political theatre, since the establishment of the British influence.

The British nation possess, in full sovereignty, the whole soubalt of Bengal, and the greatest part of Bahar; I say the greatest part, because it appears that there are several purgunnahs on the south-west of little Nagpour, that were formerly classed as belonging to Bahar, but are now in the possession of the Mahrattas\*. In Orissa, they possess only the districts of Midnapour, the rest being entirely in the hands of the Mahrattas and their tributaries. These possessions contain about 150,000 square British miles of land; to which, if we add the district of Benares, the whole will be 162,000; that is, 30,000 more than are contained in Great Britain and Ireland: and near eleven millions of inha-

<sup>+</sup> The following is an account of (nearly) the quantity of land contained in the countries fubject to the British Government, and to the British Allies in Hindoostan.

British Possessions.		
Bengal, Bahar, and part of Oriffa Benares, &c. Northern Circars Jaghire in the Carnatic Bombay and Salfette	- 149,217 12,761 17,508 2,436	Square British miles. 182,122
BRITISH ALLIES.		140,102
Oude, Allahabad and Corah Rohilcund, and Fyzoolah Cawn's Doo-Ab  Carnatic in general Tanjore	33,770 11,036 8,480 21,650 4,350	53.286 46.000
	TOTAL -	281,408 bitants.

<sup>\*</sup> This circumstance was ascertained by the late Colonel Camac.

# [ cxív ]

bitants. The total net revenue, including Benares, is at present about 287 lacks of sicca rupees, which may be reckoned equal to 3,050,000. In this calculation, every branch of the revenue, is included; such as the profits arising from salt and opium, the customs, &c.: and the amount of the charges attending the collection of the revenues, and the stipend to the Nabob of Bengal, &c. are deducted: the whole amount of the gross revenue being 3,790,000l. The subsidy from the Nabob of Oude is not taken into this account \*.

The

\* The following is nearly the flate of the Company's receipts and diffurfements at the preferr time, reduced to sterling money: the Sicca rupee being valued at 2s, 14d.

BENGAL.

BENGAL.	
ſ.	
Land Revenue of Bengal and Bahar, 1786 - 2,800,000	
Benares Revenue, clear 380,000	
Onde Subfidy 420,000	
Customs, Mint, &c. clear of charges - 120,000	
Salt Revenue, - ditto - 430,000	
Opium 60,000	
4,210,000	
Deduct charges of collection of the revenues of Ben- gai and Bahar, Nabob's flipend, &c 740,000	
Military charges on the Company's, and on the	
Nabob's account	i 1
	Revenue,
<del></del>	
	670,000
MADRAS	
Land Revenue, the northern Circars included - 725,000	
Carnatic Subfidy 160,000	
Tanjore ditto 160,000	
Customs, &c 25,000	
1,070,000,	
Deduct Military charges on the Company's, and 7770,000	
740000 p general = - 3	
Charges of collecting the revenues - 85,000	
Civil Establishment. Eprtifications, &c 130,000	
985,000	
the state of the s	85,000
and the second s	-
Foral net Revenue at Bengal and Madras 1,	755,000
At Bombay the disbursements exceed the receipts, by about 300,000	
And at Bencoolen (on the illand of Sumatra) the annual charges are about	
t i	350,000
principal and the second secon	
Total of net Revenue in India 14	405,000

# cxv ]

The natural fituation of Bengal is fingularly happy with respect to security from the attacks of foreign enemies. On the north and cast it has no warlike neighbours; and has, moreover, a formidable barrier of mountains, rivers, or extensive wastes, towards those quarters, should such an enemy start up. On the south is a seacoast, guarded by shallows and impenetrable woods, and with only one port (and even that of difficult access) in an extent of three hundred miles. It is on the west only, that any enemy is to be apprehended, and even there the natural barrier is strong; and with its population and refources, aided by the usual proportion of British troops \* in addition to the sepoy establishment, Bengal might bid defiance to all that part of Hindoostan, which might find itself inclined to become its enemy. Even in case of invasions, the country beyond the Ganges would be exempt from the ravages of war, and furnish supplies for the general defence. But, with the whole revenue in our possession, the seat of war will probably be left to our own choice.

The late Nabob of Oude, Sujah Dowlah, possessed, at the time when he first became an Ally of the East India Company, the whole foubah of Oude, and the greatest part of Allahabad; to which, in 1774, were added the eastern parts of Delhi and Agra, till that time possessed by a tribe of Afghan Rohillas, and by the Jats. The Zemindary of Benares, which includes also the circars of Gazypour and Chunar, constituted a part of the dominions of

ments.

The second of the second of the second secon It appears that the apprecate for a state terrisorial, revenue of the East India Company, together with the customs, last, and a equal to 2,040,000 per another. The subsidies from the Nabobs of Oude, and the Carnatic; and the Rajah of Tanjore; are, of course, not included in this sum. The Company's military establishment in India, in time of peace, is about 10,000 Europeans, and 52,000 regular sepoy infantry. It appears also, that the sum total of the sales of East India and China merchandite, imported into this kingdom in one year, has amounted to sive millions and a quarter sterling. Considering the magnitude of the sums, in the above statement, one is led to suppose that such an imperium in imperio, as the Eastish East India Company, never before existed: or, at least, never was created, without much greater assistance from the collective strength and resources of the state, in which it was companyed, than this Company has ever received.

\* It may appear paradoxical to some persons, but I am really of opinion that it is possible to have too great a proportion of European troops, to sepoys, in our Indian section.

# [ cxvi ]

Oude until the year 1775, when its tribute or quit rent of twenty-four lacks (fince increased to forty) was transferred to the English. This Zemindary, which was lately in the hands of Cheet Sing, occupies the principal part of the space between Bahar and Oude, so that only a small part of the territory of the latter, touches Bahar on the north-west.

The dominions of Oude lie on both fides of the Ganges, occupying (with the exception of Fizoola Cawn's diffrict of Rampour) all the flat country between that river and the northern mountains, as well as the principal part of that fertile tract lying between the Ganges and Jumna, known by the name of Dooab\*, to within forty miles of the city of Delhi. In short, the British nation, with their allies and tributaries, occupy the whole navigable course of the Ganges, from its entry on the plains, to the sea; which, by its winding course, is more than 1350 British miles.

The dimensions of Oude and its dependencies may be reckoned 360 British miles in length from east to west, and in breadth from 150 to 180: and their area is about one third part of that of the Bengal provinces; being to each other in the proportion of 53 to 162. Generally speaking, the whole territory is one continued plain; and is a continuation of that extensive level valley, through which the Ganges and its branches, take their course. It is, moreover, the central part of the ancient kingdom or empire of the Prasm. The capital city is Lucknow, situated on the river Goomty: and about 650 miles from Calcutta.

The present Nabob of Oude, Azuph Dowlah, succeeded his father. Sujah Dowlah, in 1775. He is in alliance with the British power, and brigade of the Bengal army is constantly stationed on his western frontier: thereby answering the purposes of covering Oude as well as Bengal; and of keeping the western states in awe.

Dooab or Dosesh figurates a tract of land formed by the approximation and justice of two rivers: that formed by the Ganges and Jumps rivers is called by way of minimize The Dooab.

# [ cxvii ]

It is advanced about 100 miles beyond Lucknow. The whole expence of it is paid by the Nabob of Oude, by a stipulated sum, under the name of a subsidy. (See note page exiv.)

The gross revenues of the dominions of Oude are reckoned to be about two millions and a half sterling: of which the new acquisitions of Rohilcund, Corah, and other parts of the Dooab, are more than one million. The military establishment, including the troops employed in the collection of the revenues, is from 50 to 60 thousand men: but very sew indeed of these, deserve the name of regular troops.

Fizoola Cawn, a Rohilla Chief, possesses the district of Rampour, situated at the foot of the northern mountains: and although included in Rohilcund, yet this territory was secured to him, by the treaty of Loldong, in 1774. It is valued at 30 lacks of rupees\* per annum: but he is in effect tributary to Oude, by being bound to furnish his quota towards an establishment for the common defence.

Contiguous to the western bank of the Ganges, and surrounded by the dominions of Oude, is a small district belonging to a Chief of the Patan Rohilla tribe. It is generally denominated from its capital town, Furruckabad: and is little more than 30 miles in extent.

On the fouth-west side of the Jumna, and separated from it by a narrow tract of low country, is the territory named Bundela or Bundelcund, inhabited by a tribe of Rajpoots, but deemed inserior to their brethren of Agimere. Bundelcund is surrounded by the dominions of Oude, Benares, and the Mahrattas: and was formerly subject to a Rajah of the name of Hindooput: but is now chiefly divided among his sons, or their descendants. It is a mountainous of more than you milest surrounded contains the

The reader man with said reduce say from in rupers, to sterling, by calculating soundly, at the rate of a lack of rupers to ten thousand pounds.

relebrated diamond mines of Panna \* or Purna, together with some strong fortresses; among which, Callinger is the principal. It is subject to the depredations of the Mahrattas: and has of late years been attempted by Madajee Sindia; who, however could not make himself master of the principal fortresses; and in consequence abandoned the open country. The ancient limits of Bundelcund were much more extensive than the present; extending much further towards the Nerbuddah river. Chatterpour, is reckoned the capital.

The territories of Adjidling are contiguous to Bundelcund, on the west; to the Mahrattas on the south, and south-west; and to the Benarcs territory on the east. Their whole extent, including some tributary Zemindars on the south-east, may be about equal to Bundelcund: and, like that, subject to the occasional depredations of the Mahrattas. Rewah, or Rooah, is reckoned the capital; and lies on the great road between Benares and Nagpour. We know but little concerning the geography of the remote parts of this tract: nor are the boundaries well defined. The river Soane flows through it, in its course to the Bahar province.

Shah Alum, the nominal Emperor, or Great Mogul, of whom we have fully spoken, in the historical part of this Introduction, is now a mere pensioner in the hands of Madajee Sindia: who, not withstanding, appoints him a residence at Delhi.

The Jats, Jates, or Jetes, were a tribe of Hindoos, who long fince the death of Aurungzebe, erected a state in the provinces of Agra and Delhi. They at last fixed their capital at the city of Agra, and appear to have possessed a tract of country, along both sides of the Junean trians from the neighbourhood of Gwalior, to that of Delhi; in length about 160 miles, and 50 broad. Col. Dow, in 1770, estimated their revenue (perhaps extravagantly) at 200 lacks of rupees; and their force at 60 or 70,000 men. This

Ptolemy's Panassa, seems to be meant for Panna.

nation is traced by P. Wendell from the countries lying between the SE confines of Moultan, and Gohud. It is certain that Tamerlane made war on a people called the Getes in his march from Batnir to Semanah. Nudjuff Cawn, about 14 years ago, dispossfessed the Jats of all their country, fave the very confined territory of Bhartpour. Madajee Sindia, has, in turn, stripped Nudjuff Cawn's successors of these conquests; which are now scarcely worth possessing, although 20 or 21 years ago, under Soorage Mull, they ranked among the most flourishing provinces of Hindoostan. It will be perceived that the Jats no longer exist, as a nation: all that remains to Runjet Sing, the son of Soorage Mull, being the fort of Bhartpour or Burratpour, situated about 45 miles on the west of Agra, with a small territory of 4 or 5 lacks of rupees. The Rajah of Gohud is of the Jat tribe, but unconnected with Runjet Sing.

The late Nudjuff Cawn, whom we have just mentioned, is an instance, among others, of the very sudden rise and fall of the modern states of Hindoostan. From the condition of a minor Jaghiredar, and the Commander in Chief of the imperial army, after the return of the present Mogul, to Delhi, in 1771; he became, in the course of 7 or 8 years, the possessor of a domain, yielding 150 lacks of rupees annually; and kept up an establishment of 80,000 troops of all denominations; in which, were included 23 regular battalions of sepoys. His conquests were on the Jats, the Rajah of Jyenagur, and the Rajah of Macherry (which last had reduced a considerable part of the Mewat) and in 1774, he became possessed of the city of Agran No wellige of this greatness has remained for feveral years past. His empire, in a manner, died with him: and Madajee Sindia possesses most of it, at this time. This brings us to the subject of MEWAT, which is the hilly and: woody tract lying on the SW of Delhi, and on the west of Agra; confining the low country along the western side of the Juinna river, to a (comparatively) narrow flip, and extending westwards, about 130 B. miles. In length from north to fouth, it may be 90 miles.

miles. This tract is remarkable, in that, although it is fituated in the heart of the empire of Hindoostan; that is, within 25 miles of its former capital, Delhi, its inhabitants have ever been characterized as the most savage and brutal: and their chief employment, robbery and plundering. We have mentioned in page xlix, the severities practised on them in the 13th century. At the present time, Mewat is so famous a nursery for thieves and robbers, that parties of Mewatti are taken into pay by the Chiefs of upper Hindooftan, for the purpose of distressing the countries which are made the feat of warfare. In Acbar's division, this tract made a part of each of the foubahs of Delhi and Agra: but most of it was included in the latter. Mewat contains some strong fortresses, on steep, or inaccessible hills; among which, is Alwar, or Alvar, the citadel of the Macherry Rajah. It has changed masters very often, during the contests between its native Rajahs (or Kanzadeh) and the Jats, the Rajah of Joinagur, Nudjuff Cawn, and Madajee Sindia; and between these powers, successively. Sindia has made a confiderable progress in the reduction of it.

Bordering on the north of Mewat, and approaching with its eastern limit within 24 miles of Delhi, is a tract 80 or 90 miles in length, and from 30 to 40 broad, named Little Ballogistan: its ancient Hindoo name was Nardeck. Within the present century, and most probably since the rapid decline of the Mogul empire, this territory was seized on by the Balloges, or Balloches; whose proper country adjoins to the western bank of the Indus, opposite to Moultan. Some tribes of them are also found in Makran. They are represented as a most savage and cruel ruce; and appear to be very proper tributary to the fate of its neighbours, and been successively tributary to the Robilla Chief, Nidjib Dowlah; to the Jats, and Nudjuff Cawn. Westward, it borders on the Seiks.

The territory possessed originally by Nidjib Dowlah, an Afghan-Rohilla (whom we have formerly noticed, as guardian to the young Emperor of Abdalla's setting up, in 1761\*) is, in part, in the possession of his grandson Golam Cawdir; his son Zabeta Cawn dying in the end of 1784, or beginning of 1785. This territory occupies the head of the Dooab, or that part which borders on the Sewalick mountains. It composed chiefly the circar of Schaurunpour, in Acbar's division of the empire; and does not exceed 100 B. miles in length, from east to west, by 75 in breadth. The ortginal possessions of Nidjib Dowlah comprehended also the country of Sirhind, on the west of the Jumna river; and also the districts round the city of Delhi: but the Seiks have not only encroached on the west, and possessed that shore of the Jumna, but commit depredations in Schaurunpour, and even to the banks of the Ganges. Sindia having also encroached on the south, it is highly probable that this tract will not long form a distinct state or principality.

The Seiks may be reckoned the most western nation of Hindoo-stan; for the King of Candahar possesses but an inconsiderable extent of territory, on the east of the Indus. Their progress as a nation has been slightly mentioned in pages lxiv and lxvi: and since the complete downsall of the Mogul empire, they have acquired very extensive domains. But their power ought not to be estimated, in the exact proportion to the extent of their possessions, since they do not form one entire state; but a number of sinall ones, independant of each other, in their internal government, and only connected by a sederal union. They have extended their territories on the south-east, that is, into the province of Delhi, very rapidly of late years; and perhaps, the Zemindars of that country may have faint in convenient to place themselves and the pretection of the Seiks in a series of the convenient to place themselves and the pretection of the

Nidjib. Dowlah, was was an error of the famous Gazi o'dien Cawn, died in the year

former masters. Certain it is that the eastern boundary of the Seik's dominions, has been advanced to the banks of the Jumna river, above Delhi; and to the neighbourhood of that city: we have just observed, that the adjoining territory of Schaurunpour, is subject to their depredations, if not actually tributary to them: and that they make excursions to the very side of the Ganges. On the fouth, they are bounded by the northern extreme of the fandy defert of Registan, and on the SW their boundary meets that of Sindy, or Tatta, at the city of Behker, or Bhakor, on the Indus. On the west, the Indus is their general boundary, as high up as the city of Attock; near to which begin the territories of the King of Candahar: and their northern boundary is the chain of mountains that lie towards Thibet, and Cashmere. This being the case, they will be found to possess the whole soubah or province of Lahore, the principal part of Moultan, and the western part of Delhi: the dimensions of which tract, are about 400 B. miles from N W to SE: and from 150 to 200 broad, in general: although in the part between Attock and Behker (that is, along the Indus) the extent cannot be less than 320. Their capital city is Lahore. We know but little concerning the state of their government and politics: but the former is represented as being mild. In their mode of making war they are unquestionably savage and cruel. Their army consists almost entirely of horse, of which they are said to be able to bring at least 100,000 into the field. It is fortunate that the Oude dominions have the Ganges for a barrier between them and this army of plunderers. Abdalla was accustomed to pass through the country of the Seiks, during his visits to Delhi, as late as the years 1760 and 1761; and indeed meditated the conquest of it: but it is probable, that with the present strength of the Seiks, no King of Candalas will again attempt either the one or the other. It was later returned that the Seiks were in amity with Timur Shan a passage meant to allow his army a passage through their territories (1916) however, appears highly improbable:

#### [ cxxiii ]

bable: the progress of an Indian army effecting nearly an equal degree of desolution, whether it enters a country on terms of hostility, or of amity.

Timur Shah (the fucceffor of Ahmed Abdalla, late King of Candahar, Korasan, &c. who died about the year 1773) possesses in Hindoostan, nothing more than the country of Cashmere and some inconfiderable districts contiguous to the eastern bank of the Indus, above the city of Attock. We have spoken of the extent of the kingdom of Candahar, in page 112 of the Memoir: and it may be proper to add, in this place, that the founder of that kingdom, the abovementioned Ahmed Abdalla, was originally the Prince, or Chief, of an Afghan tribe named Abdal (whence the term Abdalli) and that he was stripped of his country by Nadir Shah, and compelled: to join the Persian army in 1739. On the death of Nadir, he suddenly appeared among his former subjects, and in a short time, erected for himself a considerable kingdom in the eastern part of Persia: adding to it, most of the Indian provinces ceded by the Mogul to Nadir Shah. It has been afferted, that Abdalla had. arisen to a high command in the Persian army; and that, his department, of course, occasioning a large sum of money to centre. with him; he, on the death of Nadir Shah, availed himself of the. use of these treasures, to carry off a part of the army. He established his capital at Cabul near the hither foot of the Indian Caucasus: and it appears by the accounts of Mr. Forster, who traverted the country of Timur Shah in 1783, that his subjects live under an easy government: that is, for an Asiatic one. The revenues and military force of Candahar, have not come to my knowledge. The military establishment has been given at 200,000 men. Ahmed Abdalla had regular infantry, cloathed like the British fepoys: and, at one time, made use of the British manufactures for that purpose; the trade went by Sindy, and up the Indus and its branches, to Cabul. This trade has long been at an end.

The province of Sindy, or that lying on both sides of the lower part of the river Indus\*, is subject to a Mahomedan Prince, who is tributary to the King of Candahar; it being among the provinces ceded to Nadir Shah, by Mahomed Shah, in 1739. Although it properly belongs to Hindoostan, it is so detached from it by the great sandy desert, that it takes no part in its politics. This province is described in page 285, to which the reader is referred.

The province of Cutch, on the SE fide of Sindy, as well as the western parts of the peninsula of Guzerat, are governed by Rajahs of their own: and do not appear to have undergone much change, by the late revolutions in Hindoostan. Cutch is not only a barren country, but in its nature too strong to be easily attacked. And the western part of Guzerat is mountainous and woody; and inhabited by a wild, hardy, race: and therefore on both accounts, unfavourable to the progress of a Mahratta army.

The Mahrattas, as has been observed before, form two distinct empires, or states; that of Poonah, or the western: and Berar, the eastern. These states collectively, occupy all the southern part of Hindoostan proper; together with a large proportion of the Deccan. Malwa, Orissa, Candeish, and Visiapour; the principal parts of Berar, Guzerat, and Agimere; and a similar part of Dowlatabad, Agra, and Allahabad, are comprised within their extensive empire; which extends from sea to sea, across the widest part of the peninsula; and from the confines of Agra northward, to the Kistna southward; forming a tract of about 1000 British miles long, by 700 wide.

The western state is divided among a number of Chiefs or Princes, whose staticates to the Paintwah, or Head, is, like that of

<sup>\*</sup> The celebrated Sir William Jones very ingeniously remarks, that "it is usual with the "Assatics to give the same names to the countries which lie on both sides of any considerable "river." Thus the province of Sindy is divided by the Indus; Bengal by the Ganges; and Pegu by the Irabatty. Egypt, in like manner, is divided by the Nile. Probably, the facility of access to either side, by means of a navigable river and an occasional inundation, subjected each of the divisions, formed by the course of the river, to the constant depredations of its opposite neighbour; till necessity produced a compromise, which ended in joining them in one community.

the German Princes to the Emperor; merely nominal at any time; and, in some cases, an opposition of interests begets wars, not only between the members of the empire themselves, but also between the members and the head. In fact, they are feldom confederated but on occasions that would unite the most discordant states; that is, for their mutual defence: for few occasions of foreign conquests or plunder, are of magnitude enough to induce them to unite their armies.

Was I inclined, I want ability, to particularize the possessions and fituations of all the Chiefs that compose this Mahratta state. I shall therefore attempt only to mention the principal ones, commonly styled Jagbiredars, or holders of Jagbires \*: their titles to their possessions, being nominally during their life time only; although they have long fince become hereditary.

The Paishwah, or nominal head of the western empire, resides at Poonah, which is fituated at the fouth-west extreme of the empire, and about 100 miles from Bombay. There are three principal Jaghiredars on the north of Poonah; and two on the fouth: the first are, Madajee Sindia, Tuckajee Holkar, and Futty Sing Gwicuar; and the latter, Pursemm Bow, and Rastah, who is more commonly styled the Meritch Wallah (or Meritch Man) from his having established his capital at that city +, previous to the conquest of it, by Hyder Ally. Before I proceed to particularize the

<sup>\*</sup> Jaghire, means a grant of land from a Sovereign to a subject, revokable at pleasure; but generally, or almost always, for a life rent.

† The exact geographical position of this important fortrass and city, is not ascertained; but it is with great reason supposed to be the same with Mirje or Mirdil, of Mandelloe's route, drawn by P. dn Val! which is striked near the derth same of the Kisha river, about 70 road miles SW from Visiapour; and 130 from Poonah. It is also, most unquestionably, the same place with Merrick; a place of consequence, in Annungzebe's wars with Sambajee. In the Select Committee's reports, it is named indifferently, Merrick and Meritz. It may be collected from those reports, and from Mr. Orme's historical fragments, that this place is situated on the north bank of the Kistnah; on the NW of Sanere-Bancapour, and on the SW of Visiapour; and its diffance from the former, ought to be very considerable; for part of the Circars of Montagal, Azimabad, and Raibang, intervence between those of Bancapour and Meritz. And this is the case with Mirje on the map, which is about 108 G. miles from Bancapour. There is also a forcess of great note in Aurengzebe's, and in Hyder Ally's wars, named Darwar, or Danwar. This appears to be comprehended in the Circar of Bancapour, and about 30 cosses on the SE of Meritz. I have not ventured to place Darwar in the map; but the position of it, and of Hubely, make it appear still more probable that Mirje is the late with Meritz, Meritch, or Merrick. Mericz, Meritch, or Merrick.

different partners or sharers, in the several provinces, it will be necessary to observe that the Mahratta dominions have in some places, been portioned out among the different Chiefs, after a method that appears the most confused and intricate, imaginable. For not only the *Purgannahs*, or grand divisions of provinces, are divided in some instances, among three different powers; but even the revenues of particular villages, are divided in like manner; and in consequence, distinct officers are appointed, for the purpose of collecting the respective shares \*.

The province or foubah of Malwa (to which this account particularly applies) one of the most extensive, and the most elevated, and highly diversified in Hindoostan, is divided among the Paishwah, Sindia, and Holkar: as is also the small soubah of Candeish, adjoining to it, on the south; and which contains the fine city of Burhanpour, in the possession of Sindia.

The province of Agimere, has only in part been possessed by the Mahrattas, and that part is now entirely in Sindia's hands. What is here expressed, relates only to what may be termed Agimere proper; and not to the whole soubah of that name, according to its geographical definition in the Ayin Acbaree: since the three great Rajpoot principalities, Oudipour, Joodpour, and Joinagur, as well as Rantampour, are there, included in it. These Rajpoots principalities (of which more will be said hereafter) have long been held tributary to the Mahrattas; and now, by the ascendancy of Sindia, andby virtue of his local situation, he converts the whole of the tribute to his own use.

The largest, as well as the finest part of Guzerat, is divided between the Pailbush, and Futty Sing Gwicuar (or Gwicker) the latter holds his hare classly, in the northern part of it.

The provinces on the fouth of Poonah, are divided between the Paishwah, and the Jagbiredars, Purseram Bow, and Rastah. So little is known in Europe concerning the Geography of this part

<sup>\*</sup> It is probable that this irregular division, arose from some accidental circumstances at the time when the conquest was made; and which cannot now be traced; but as it has the appearance of an expedient, calculated to check and restrain the power of the different Jaghiredars, it is generally supposed to be the effect of policy and design.

A.

of the country, that the map of it, is almost a blank. I am by no means certain where to place the common boundary of the Mahratta and Tippoo's countries, in this quarter. Hyder took possession of Meritch (Meritz or Mirje) on the north bank of the Kistna, in 1778; and, I apprehend, never relinquished it.

The Paishwah, or his representatives, possess also many other districts in the NE, and east, parts of Malwa, &c. for the Poonah territories, or those of its Jaghiredars, close on the river Jumna, opposite to Calpy: and also extend along the northern bank of the Nerbudda river, almost to its source; and encroach deeply on the SW side of Bundelcund, according to its ancient limits. The districts of Sagur, and Mundella, are situated in this quarter. Thus it appears, that the territories subject to Poonah, are separated, or rather insulated, in an extraordinary manner; and this circumstance alone, must influence the domestic as well as the foreign politics of this state: since any considerable Jaghiredar may easily withhold the government's share of the revenues, and convert it to his own use.

From what has been said, it will appear impossible to discriminate the possessions of the Paishwah, any more than those of his Jaghiredars, on the map. All that can be done, is, to mark the body of each tract of land, in which the Paishwah and the particular Jaghiredars participate. It is understood that the Paishwah possesses a larger share, in the western part of the Deccan, than elsewhere. This tract is naturally very strong, particularly on the west side towards the sea, where a stuperidous wall of mountains, called the Gauts, rises abruptly from the low country, called the Concan (or Cockun) supporting, in the nature of a terrace, a wast extent of fertile and populous plains, which are so much elevated, as to render the air cool and pleasant. (See Memoir, pages 179 and 213.) This elevated tract, is continued not only through the Nathestae terraceres, but extends through the peninfula, to the southern extreme of Mysore; and is named Balls-Gaut,

#### [ cxxviii ]

throughout its whole extent: meaning literally, the bigber, or upper Gauts\*. In the peninfula, it is applied in contradiffinction to Payen-Gaut, or the lower Gauts: but in the Deccan, it appears to be used only as a proper name, and not as a correlative: we having never heard of the Deccan, Payen-Gaut.

Nor is it less difficult to ascertain the sum of the revenue of this state, than to particularize the extent of the districts, from whence it is collected. The most intelligent and best informed persons that I have consulted on the occasion, will not venture to give an opinion on it. One person (a native of India) has stated the revenue at 12 crores of rupees, or 12 millions sterling: and the net receipts, Jaghires deducted, at sive crores. The same account makes the military establishment in the field, to be 200,000 troops, foot and horse; besides an equal number in garrison. Another account of the revenue, by an European gentleman, reckons 7 crores for the net revenue. If the provinces possessed by this state, were to be rated in the same proportion as in the time of Aurungzebe, the net revenue would be about 8 crores of rupees, or 8 millions sterling.

Sindia is unquestionably the most powerful Jaghiredar within this state; and ought to be regarded as a sovereign Princer Since the Mahrattal Peace (1783) he has extended his frontier from Makwa towards the Jumna; swallowing up most of the petty states that heretofore existed there: and in particular, that of Gohud, including the celebrated fortress of Gwalior (see page 157 of the Memoir). He has also carried his arms northward to Delhi, and into the provinces of Mewat and Jyenagur; reducing many for tresses, and a considerable tract of country, which were heretofore successively possessed by the Jats, and Nudjust Cawn. In fine, he possesses the person of the nominal Great Mogul, and all that can

Gaut, or Chart, fignifies either a pass through mountains, or a landing-place on the bank of a river. In the figurer tende, the term has been applied to the Carnatic, which is divided by ridges of mountains, shounding with passes and defiles.

be accomplished by virtue of his name. It would appear that Sindia's plans embrace too great a variety of objects at one and the fame time: for, not long ago, his troops were compelled to retire from Bundelcund, in which they possessed most of the open country, the fruits of a very recent conquest. He seems bent on extending his conquests on the north and west: but time alone can discover whether he will succeed in establishing a permanent empire, on that fide. The revenue of his paternal, or original dominions, in Malwa, &c. has been estimated at one crore of rupees per annum. It is difficult to afcertain what the value of his new acquisitions are, in their present state: for those portions of Agra, Delhi, &c. which he holds, having been so long subject to the depredations of contending armies, little benefit can be derived from them, at present \*. Gohud, one of these acquisitions, is estimated at 20 or 30 lacks per annum. Holkar is supposed to possess 80 lacks per annum, in his share of Malwa. Sindia's capital city is Ongein, near the ancient city of Mundu, the capital of the Chilligi Kings of Malwa: and Holkar's capital is Indore, situated about 30 miles on the west of Ougein.

The Berar or Nagpour Rajah, Moodajee Boonslah (or Bonsola) possesses the principal part of Berar, together with the province of Orissa +. The remainder of Berar is held by the Nizam, or Soubah of the Deccan, who pays a chout, or fourth part of its clear revenues to Moodajee. On the west and south, the Berar dominions border on, or are intermixed with, those of the Nizam: on the NW and north, are the provinces of Beras, Garrie Mundella, &c. tributaries of Poonah; together with the territories of Adjid Sing. On the east, the Nagpour territories thrust themselves between the British possessions in Bengal, and those in the northern circars, so

These territories have formerly yielded 3 or 4 croses per anamed but they are now in that of desolution, which it is impossible to form any idea of, without having actually belief them. A. [This inner is by a gentleman, who has been on the spot.] See also proceed to the Oriffa, is nominally one of the British provinces, but we have observed in a state of that only a very small part of it, is subject to the Bengal government.

as to occupy near 180 miles of the country adjacent to the fea; and, of course, to break the continuity of their possessions on the sea coast. Moodajees dominions are very extensive, being in length from east to west 550 British miles, and in some places 200 from north to south. He does not possess all this in sull sovereignty; for Ruttunpour and Sumbulpour are little more than tributary, and are governed by his brother Bembajee. We know less of the interior parts of Berar, than of most other countries in Hindoostan; but, by what we do know, it does not appear to be either populous or rich. (See Memoir page 144.) Nagpour is the present capital, and the residence of Moodajee; and it is situated about midway between Bengal and Bombay.

Cattack, or Cuttack, the capital of Oriffa, is a post of consequence on the river Mahanuddy, as it lies in the only road between Bengal and the northern circars; and the possession of this city and its dependencies, gives the Berar Rajah more consequence in the eyes of the Bengal government, than even his extensive domain, and centrical position in Hindoostan.

Moodajce has been recognised (page lxxxviii) as a descendant of the original founder of the Mahratta empire, Sevajee. The sum of his revenue, is variously stated. Some have reckoned his part of Berar, at 84 lacks of rupees, per annum; and Cattack at 24: while others have allowed only 60, for his whole revenue. If we take it at the highest calculation, 108 lacks, he ought not to be considered in a formidable light, by the British power. But placing the actual sum of his income out of the question, his dominions are too widely extended, in proportion to their value, to form a powerful state. Cattack is no less than the results when a powerful state. Cattack is no less than the results when the results Nagpour. It has been well observed, that the ordinary cause of jealousy between neighbouring states, is done away, in the case of Bengal and Berar, by the nature of that part of the Berar dominions, which borders on Bengal; it being generally, woody and uninhabited; so that the virtual boun-

# [ cxxxi ]

boundaries of both countries are removed to a distance from each other.

These are the principal of the countries reduced into the form of governments, by the Mahratta Chiess: but so habituated are they to rapine and plunder, that sew of the neighbouring states, but have, at one period or other, selt and acknowledged their power. Bengal and Bahar were, for a short time, subjected to a regular tribute; and the Carnatic, Mysore, the Nizam's provinces, the Dooab, Bundelcund, and the southern parts of Delhi, have been frequently over-run. Their predatory excursions sometimes carried them 1200 miles from their capital. But the loss of the battle of Panniput in 1761, induced a degree of caution in their military enterprizes: and from that period, their power appears to have been on the decline. Shut out of Bengal, Oude, and the Carnatic, by the British arms, and out of Mysore by Hyder's, their field of action has been much circumscribed; and the late war with the British power, discovered, their weakness to all Hindoostan.

I am not sufficiently informed on the subject, to be able to particularize all the different provinces, or districts, that are tributary to the Mahratta states. Some have been already mentioned; and among others, the Rajpoot principalities of the Soubah of Agimere: and which, from their former importance and weight, in the internal politics of the Mogul empire, deserve particular notice.

In the early part of the present century, these states, collectively, appeared so formidable to the successor of Aurungzebe, that he was constrained to leave them in quiet possession of their independency; during the sedition of the Seiks, in Lahore (See page lxiv). Vast have been the changes since that time: for what the disciplined armies of Aurungzebe and his sons, could not accomplish, has been effected by the Mahratta freebooters: so much easier is it to ruin a country, then to make a conquest of it. The history of the decline of the Rajpoot principalities, is foreign to the present work: it is sufficient to observe, that they are reduced to their present work.

merely

merely by the depredations of Mahratta detachments; which being composed of light horse, and accustomed to divide into innumerable small parties; they by their rapid and desultory movements, at once spread desolation, and elude the attacks of the inhabitants. This must be understood to relate only to the open parts of Rajpootana: the mountainous parts being yet free from their incursions.

RAJPOOTANA was divided into three great principalities, under the names of Oudipour, Joodpour, and Ambeer, (or Amere) now better known by that of Joinagur, or Jyenagur. Oudipour was also named Meywar, or Midwar; and Joodpour, Marwar. bar's division of the empire, these principalities were classed as belonging to the foubah of Agimere, which is fometimes called Marwar. It is not an eafy task, by means of the geographical matter extant, to affign the precise limits and dimensions of these principalities; which occupy the space between the western confines of Agra, and the NE part of Guzerat; and between the fandy defert (or Registan) and Malwa: that is an extent of 330 British miles from NE to SW; and 200 broad, in the widest part. Their relative fituations, and comparative dimensions, may be seen in the map; where Jyenagur or Jyepour, will be found to lie to the northeast; Oudipour to the SW; and Joedpour to the NW, bordering, angularly, on the other two. Pere Wendell's MS. account of these states, from whence I have extracted many of the above particulars, states the revenues of Oudipour at 10 lacks of rupees, Marwar at 40, and Jyenagur at 40, per annum, in the year 1779 \*. The two former are very mountainous, with a fandy foil, in the valleys: the latter is the most fertile, and was, about the middle of this century, in a high state of improvement, under the government of the celebrated Rajah Jyesing, or Jessing; who founded the new capital of Jyepour, which has had the effect (not unusual in Hindoostan)

, K

The whole revenue of the loubah of Agimere, in the time of Acbar, appears to have been only about 75 lacks. Auring zebe is faid to have doubled the land-tax on the Rajpoots: and Agimere is accordingly stated in Mr. Fraser's account, at 163 lacks of rupees.

# cxxxiii ]

of changing the name of the province to that of the capital. P. Wendel represents Jyepour as a place of great wealth and commerce in 1779, being the entrepot of the principal part of the goods, that are brought from every quarter of India. The Rajah built also an observatory in his capital, and invited Pere Boudier to it, in 1734. It is feared that the confusions that have so long prevailed in this province, must have greatly reduced the wealth and importance of the capital. We have mentioned before, that Sindia receives the tribute of all the three Rajpoot provinces, and converts it to his own use: and that he had made some considerable conquests in them, particularly in Jyenagur.

It is probable that in early times, the whole Rajpootana constituted one entire kingdom, or empire, under the Rana or Prince of Oudipour, who has in all times, since we had any knowledge of his history, been considered as the head of the Rajpoot states. A long established custom of homage to a temporal Prince, from those, who do not acknowledge his superiority in any other way, seems to prove the existence of real power in the hands of his ancestors. In modern times the Rana of Oudipour seems to have been considered somewhat in the same light as the general of the Amphyctions was in Greece. Cheitore was the ancient capital of the Rana, a place much celebrated for its strength, riches, and antiquity, when it was taken and despoiled by Acbar in 1567: Oudipour is the present capital.

The Rajpoots are not confined entirely to the tract abovementioned, or even to the founds of Agimere: fince some inserior tribes of them are settled in Bundelcund, and in Gurry-Mundella. Others, according to Thevenot, are settled in Moultan; and indeed he represents Moultan as the original country of the Kuttries, from whom the Rajpoots sprung. (See page 93 of the Memoir.)

Of the countries of Nagore, Bickaneer, Jaffelmere, and those bordering on the lower part of the course of the river Puddar, and on the sandy desert, we know little at present, except that the form a number of petty Rajahships; and are understood to be mostly inhabited by Rajpoots.

The Rajpoots are ordinarily divided into two tribes or classes: those of RATHORE, and CHOHAN, or SELSODYA. Marwar, or the NW division of Agimere, is the proper country of the former; and Meywar, or Oudipour, of the latter. The reader will be pleafed to observe, that Cheitore is also synonimous with Oudipour, or Meywar. The Rathore tribe were originally the most numerous of the two. It has often been afferted, and by the late Col. Dow, among others, that the Mahratta Chiefs had their origin from the Rathore tribe: and to countenance this opinion, the etymology of the name Mahratta, has been drawn from RATHORD; prefixing to it. MAHA, or Great. We have feen, however, in page lxxix, that the fact is very different, and refts on the foundation of historic records: the term Mahratta being derived from Marhat, or Marheyt, the name of the province in which Sevajee first established his independency: and this etymology appears to be perfectly natural. And by the same rule, Sevajee must have been of the Seesodya tribe, as drawing his lineage from Oudipour; and not of the Rathore tribe, as erroneously represented.

Of the five northern circars, Cicacole, Rajamundry, Ellore, and Condapilly\*, are in the possession of the English; and Guntoor is in the hands of the Nizam. The four first occupy the sea coast from the Chilka lake on the confines of Cattack, to the northern bank of the Kistna river; forming, comparatively, a long, narrow slip of country, 350 miles long, and from 20 to 75 wide. The nature of the country is such, as to be easily defensible against an Indian enemy, it having a barrier of mountains and extensive forests on one side, and the sea on the other; the extremities only being open. Its greatest defect is in point of relative fituation to Bengal

These circuits of properties, were originally denominated from their properties to Madras, on which the pend; and the term northern circuit has at the term has at the pend by the English in general.

and Madras, it being 350 British miles from the sirst, and 250 from the latter; so that the troops destined to protect it, cannot be reckoned on, for any pressing service that may arise at either presidency. The circars, in point of strictness, appertain partly to Golconda (or the Deccan) and partly to Orissa; and are held of the Nizam on condition of paying him a stipulated quit rent. When the French took possession of the five circars, in 1753, they were valued at about 43 lacks of rupees per annum. The English never possessed Guntoor, which was estimated at near 7 lacks of the above sum: so that 36 lacks (360,000l.) should be taken for the true value of the English possessions in the circars. In 1784, they were reckoned to produce about that sum. It would appear that the Nizam, by retaining Guntoor, has more than an equivalent for the pessess or tribute, which is 5 lacks per annum.

The possessions of the Nizam, or Soubah of the Deccan (a younger fon of the famous Nizam al Muluck) comprise the province of Golconda, that is, the ancient province of Tellingana, or Tilling. fituated between the lower parts of the courses of the Kistna and Godavery rivers, and the principal part of Dowlatabad; together with the western part of Berar, subject (as has been said before) to a tribute of a chout, or fourth part of its net revenue, to the Berar Mahratta. The Nizam has the Paishwah, or Poonah Mahratta on the west and north-west; the Berar Mahratta on the north; the northern circars on the east; and the Carnatic, and Hyder Ally on the fouth. I am not perfectly clear in my idea of his western boundary, which, during his wars with the Mahrattas, was subject to continual fluctuation: but I understand generally that it extends more than 40 miles beyond the city of Aurungabad, westwards; and comes within 80 miles of the city of Poonah: and that on the SW it goes confiderably beyond the river Beemals, and to the borders of Sanore-Bancapour. His capital is Hydrobat, or Bagnagur, fituated on the Mostli river, near the famous fortress of Golconda.

The districts of Adoni and Rachore, which were in the hands of Bazalet Jung (brother to the Nizam) during his life time, are now in the hands of the Nizam. The Sourapour, or Sollapour Rajah, on the west of the Beemah river, together with some other Rajahs, are his tributaries.

Probably the Nizam's dominions, including his tributaries and feudatories, are no less than 430 miles in length, from N W to SE, by 300 wide. Till he took possession of the Guntoor circur in 1780, his dominions no where touched on the sea coast.

The Guntoor circar (called also Mortizanagur and Condavir) occupies the space between Condapilly, the southmost of our sour circars, and the northern part of the Carnatic; extending along the sea coast of the bay of Bengal more than 30 miles. The possession of this district to the English, would have been extremely eligible, as well for the purpose of shutting out the French nation from the Deccan, as to keep open a communication with the northern circars, and to preserve the continuity of our possessions, and those of our allies. Although the maritime parts of this circar are slat and open, yet the interior part of it contains some very strong fortresses, and posts. The Nizam took possession of it on the death of his brother Bazalet Jung, and still holds it.

It has not been in my power to obtain, even a tolerably exact account of the sum of the Nizam's revenue; or of his military establishment: the latter, however, is far from being respectable, on the score of discipline. The former has been ever varying, and generally diminishing; by reason of the encroachments of the Poonah Mahrattas, and the Mysoreans: it is said to be reduced so low as 130 lacks of rupees, abnually. But besides this sum of actual revenue, it must be taken into the account, that he has depending on him, many Jaghiredars, who hold their lands on the tenure of military service.

The dominions of Mahomed Ally, Nabob of the Carnatic, and an Ally of the East India Company, commence on the fourth of

the Guntoor circar, and extend along the whole coast of Coromandel to Cape Comorin. It must be understood that I mean here to include Tanjore, Marawar, Tritchinopoly, Madura, and Tinevelly; all being appendages of the Carnatic. Under this description, the Carnatic is not less than 570 British miles in length from north to south, but no where more than 120 wide, and commonly no more than 75. Such a long, narrow, tract of country, bordered by an active and powerful enemy, whose territories are, moreover, of a compact form, and his force more readily collected, must always be subject to have its distant provinces cut off from its assistance: or if it divides its force, for their separate desence, the safety of the whole will be endangered.

The Carnatic anciently comprised all that part of the peninsula that lies south of the Gondegama and Tungebadra rivers, from the coast of Coromandel eastward, to the Gaut mountains westward, and was divided into Balla-Gaut and Payen-Gaut, or the upper and lower Gauts\*; the former being the western part, and containing the districts which now compose the country of Tippoo; and the latter, the eastern part, or the Carnatic according to its present definition.

The revenue of the Nabob is stated at about a million and a half sterling, annum: out of which, he pays a subsidy of 160,000l. to the East India Company towards the expence of their military establishment. The evils attendant on the improvident conduct of the Nabob, were severely felt, during the late war, and ought to be cautiously guarded against, in suture.

The British pessessions in the Carnatic are confined, chiefly, to the tract called the Jaghire, which extends along the coast, about 108 B. miles, and 47 inland, in the widest part. Its revenue is reckcoed 150,000l. Besides the Jaghire, there are lands dependant on Cuddatore, but the amount is not considerable. The whole

<sup>\*</sup> See the term Gaut, explained in page cxxviii.

# [ cxxxviii ]

amount of the land revenue dependant on Madras, including the circars, has been stated, in page cxiv, at 725,000l. per annum.

The dominions of Tippoo Sultan, who styles himself Regent of Mysore, begin on the west of the ridge of mountains beyond Dalmacherry, Sautgud, and Attore; and extend southward to Travancore and Madura; northward to Soonda and Visiapour (inveloping Adoni, the territory of the late Bazalet Jung) north-eastward to Guntoor and Ongole; and westward to the sea. They comprehend, generally, the provinces of Mysore, Bednore, Coimbettore, Canara and Dindigul; besides his late sather's conquests to the northward, which are Meritch, or Meritz, Soonda, Chitteldroog, Harponelly, Sanore-Bancapour, Roydroog, Gooty, Condanore, Canoul, and Cuddapah.

Tippoo's prefent territory exceeds very confiderably, both in extent and revenue, that of his rival the Nabob of Arcot: but probably it will, for fome time at least, require a Prince of confiderable talents, to prevent a state, composed of such discordant parts, from falling to pieces. A descendant of the Hindoo King of Mysore, whom Hyder dethroned, is living; and kept a state prisoner at Seringapatam, Tippoo's capital. He is occasionally shewn to the populace: and the circumstance of his being permitted to live, is a strong proof how much the popular prejudices prevail, in favour of the family of their ancient Kings. It was part of the plan of operations of the fouthern army, under Colonel Fullarton, in 1783, to march from Coimbettore to Seringapatam, in order to liberate this Prince, and encourage the people of Mysore to throw off their allegiance from Tippoo: and it was the opinion of many lober perfons that it might have succeeded if circumstances had permitted Col. Fullarton to undertake it. The general character of Tippoo, is that of a man of high ambition; with great abilities for war and finance, cruel, to an extreme degree; and obstinately attached to

his schemes. He is unquestionably, the most powerful of all the native Princes of Hindoostan; but the utter detestation in which he is held by his own subjects, renders it improbable that his reign will be long. His dominions are very extensive; and although the imperfect state of the geography of the western part of the peninfale, does not permit me to mark their northern boundary, yet it is pretty certain that it touches the river Kistnah, on the fouth of the city of Visiapour: and therefore, the extent of Tippoo's territory, or kingdom, from the valley of Ootampaliam on the fouth, to the Kistnah on the north (or rather NNW) cannot be less than 550 British miles. In breadth, it is very unequal: in the widest place, that is, in the northern part of the peninsula, the breadth is at least 330 miles; but less than 150 in the parallel of Tritchinopoly; and further fouthward, it ends in a point. page xcvi, its area has been compared to that of Great Britain; which is taken at 96,400 fquare British miles: and the country of Tippoo is supposed to contain 21 square degrees; which in the parallel of 14°, produce about 97,650 B. miles. By the peace of 1782, Hyder was to relinquish all, but his ancient possibions: how far his fuccessor has fulfilled the terms of the treaty, I am not informed: but the term, ancient pollellions, was too general, or rather too vague, to be understood in any particular sense.

The revenue of Tippoo, has been stated at four crores of rupees, or as many millions sterling. His military establishment is very great; being no less than 72,800 regulars, including 740 Europeans under the command of French officers: beside troops in the frontier garrisons, to the amount of 49,000. The remainder of his force, consists of irregulars of various descriptions, and amounts to 33,000 and upwards: so that the whole force of Tippoo, is reckoned 155,000; of which, near 73,000, are of a class much superior to any troops that have ever been raised and disciplined by

# [ cxl ]

a native of India\*. His defire of extending his kingdom, will keep him at perpetual variance with the Poonah Mahrattas, or the Nizam, or both; as it is only on their fide, that any acquisitions can be made, without quarreling with the English. Hyder long meditated the conquest of the Travancore territory, situated at the extreme of the peninsula; but was prevented by the English. Tippoo, is said to have intentions of the same kind. The reader may easily collect, from a cursory view of the map, how hurtful to the interest of the Carnatic, such a revolution would prove: since it implies also the transfer of the Cochin territories, and all the tract lying on the west of the Gauts.

\* I have been favoured with the following particulars, relating to Tippoo Sultan's military establishment; and which may be depended on.

REGULARS.					
Cavalry	-	-	-	•	27,400
Sepoy Infantry, Hindoos and Mahome	dans	-	_	-	35,000
Topasses (or Hatmen) that is, the def	cendants	of Portu	guese and	other 7	•
Europeans, Infantry -		_	~	Ì	7,300
	co			•	
	40				
-		•	-	-	740
Artillery Corps, comitting of Europea	ns, Topa	ffes, &c.			1,390
	- 1	•			
					72,830
Gons attached to	the Batt	allions -	23	ΙΦ ,	
Garrisons on the Frontie			_	21,000	
Cantinons ou our Liouth	Foo		<b>-</b>	28,000	
	1.00	•	_	20,000	
				40.000	
				49,000	
Irregulars, armed in	various v	vays	7,000		
Auxiliaries from the Rajahs of	Rudroga.	Darwas	Harnons	lly. Sanore	- &c.
Horfe	ity aloog,		10,300	ily, canolo	,
Peous (Irre					
1 60112 (1116	guais		3,300		, ,
			6 :00		
		1 A	26,300		
		-			
RE	CAPITUL	ATION.			
Regulars	_		72,830		
Garrions	<b>24</b>	-	49000		
Irregulars	_	,	7,000		
Auxilea es			203		
at a antipopy is an a		11			

Total - 155 130

CHRONOLOGICAL TABLE of EMPERORS, who have reigned in HINDOOSTAN, fince the GHIZNIAN CONQUEST.

GHIZNIAN Emperors	J.		Began his eign A.D.
	Began his	Mahomed IV.	}
* Mahmood I	.eign A.D.	Abu-Bicker -	1389
Mahomed I	1000	+ Mahmood III.	1393
Muíaood I	1028	TO 0 0.1 0	
Modood -	1041	Dynasty of the Serbs	·•
Mufaood II 7	<b>)</b>	Chizer	1414
Ali	1051	Mubarick II.	1421
Reschid -		Mahomed V.	1433
Feroch-Zaad -	1052	Alla II.	1447
Ibrahim I.	1056	Daniela el I	·
Mufaood III	1098	Dynasty of Lods.	
Arfilla	1115	Beloli	1450
Byram I.	1118	Secunder I.	1488
Chusero I.	1152	lbrahim II.	1516
Chusero II.	1159	Mogul or Mungul Emp	nerore
GHORIAN OF GAURIAN E	ກກອາດາ	·	
and the second s	•	Baber	1525
Mahomed II, or Mahomed	1184	Humaioon -	15,0
Ghori -	,	Second PATAN Dynai	ftv.
PATAN OF AFGHAN Emp	erors.	Shere	•
Cuttub	7000	Selim	1542
Eldoze	1205	Mahomed VI.	1545
Aram -	1210	Ibrahim III.	1552
Altumsh or Iltumsh	12.0	•	
Ferose I	1235	Mogul Dynasty restor	ed.
Sultana Rizia, Empress	1236	Humaioon -	1554
Byram II.	1239	Acbar -	1555
Musaood IV	1242	Jehanguire -	1605
Mahmood II.	1245	Shah Jehan -	1628
Balin	1265	Aurungzebe, or Allumguire	I. 1659
Keikobad -	1286	Bahader Shah -	1707
Ferose II.	1289	Jehaunder Shah -	1712
Alla I.	1295	Feroklere -	1713
Omar	1316	Ruffieh-ul-Dirjat	3
Mubarick I.	1317	Ruffieh-ul-Dowlah	\$ 1717
Tuglick -	1321	‡ Mahomed Shah	1718
Mahomed III.	1325	Ahmed Shah	1748
Feroie III	1351	Allumguire II.	1753
Tuglick II.	1388	Shah Aulum	1700
	1	1.1	n martin or t

<sup>He began his reign in Ghizni, A. D. 977.
† Tamerlane's Invation happened in this reign;
‡ And Nadir Shah's in this reign.</sup> 

# M E M O I R

OF A

MAP OF HINDOOSTAN, &c.

## M E M O I R

OF A

# MAP OF HINDOOSTAN, &c.

O great an extent of country is contained in this map, and the quality of the materials is so various in different parts, that it became necessary, in order to prevent confusion, to divide the account of its construction into separate sections, agreeable to the natural division of the country; and, in some measure, to the nature of the materials. It is accordingly divided into seven sections:

The first contains the sea coasts and islands.

The fecond, the surveyed tract on the side of Bengal; or that occupied by the Ganges and its principal branches, as far west as the city of Agra.

The third, the tract occupied by the Indus and its branches.

The fourth contains the tract between the Kistna river and the countries traversed by the Ganges and Indus; that is to say, the middle parts of India.

The fifth contains the peninfula fouth of the Kistna.

The fixth, the Suntries fituated between Hindoostan and China; namely, Thibet, Bootan, Assam, Pcgu, Aracan, Ava, and part of Siam: and

The seventh, and last, contains Tables of distances between the principal cities; con.

But, before I proceed to the particulars of the construction of the map, it will be necessary to explain the itinerary measure adopted

in

in places where no furveys have been taken. The usual measure of this kind in Hindoostan, is the coss, or crores, commonly estimated at two British statute miles. I have not been able to get the true length of the coss, as fixed by Acbar, and other Emperors; and, even if I had, it would be of no use in the present enquiry, as all my Hindoostanny itineraries and tables are in computed cosses.

It may reasonably be expected, that in a country of half the extent of Europe, the estimated length of the itinerary measures, although of the same denomination, must vary in different parts of it. It is no more than what happens in different provinces of the same kingdom, in Europe. But as far as we have any data for making a just comparison, the coss does not vary so much as one-sixth part over the whole country; and between the northern and southern extreme of India, (that is, in an extent of about 1700 miles) the difference is not more than one-sixteenth part. The miles vary much more in their proportions, in the different parts of Europe.

Taking the medium of the coss throughout Hindoostan, and the Deccan, there will be about 40 of them to a degree of a great circle on the globe: that is, each coss is about a geographical mile and half. But this is to be understood of horizontal measure; in which the windings and inflections of the roads are allowed: for the estimated routes could not be applied to geographical purposes, by any other rule. The coss, in road measure, is about one statute mile and nine-tenths; or at the rate of 190 British miles to 100 cosses; one part in seven, being allowed for winding, when the line of distance is extensive. Or, seven miles of road measure, are allowed to produce six miles horizontally, or in direct line.

In Malwa and its neighbourhood, the cosses are larger than any where else, and are about 1,7 geographical miles, or 35 to a degree. And on the road from Baglana to Masulipatam, they are so short, that 46 are required to make a degree. But having only one example for the latter proportion, I shall found no rule on it. The proportions that I have adopted for Hindoostan, Malwa, and the

Carnatic,

Carnatic, from a great number of examples, are respectively 1,43; 1,71; and 1,5 of geographical miles to a horizontal coss; or 42, 35, and 371 to a degree of a great circle. The coss of Hindoossan proper, is therefore shorter than any other, and prevails throughout the greatest extent of country. There is again in Nagpour (the ancient Goondwanch) a Goondy coss, which by the medium of all the accounts I could get, is about 2,76 geographical miles, reduced to horizontal distance; or 21,7, or 22 to a degree. This measure appears to be in use by the natives, throughout Mundilla and Boggilcund, as well as in Nagpour; and sometimes occasions great consusion in the reports of the cossist, or couriers: however, they have a computation of Hindoossany cosses also, in the same country; and the proportions agree in general remarkably well with that scale, between the Bengal Provinces and Aurungabad; and between Mundilla and Hydrabad.

Having mentioned the windings of the roads, it may not be improper to give the refult of my enquiries on this head, for the benefit of those who may have itineraries, kept in estimated distances, to work up. One in feven is allowed as above: and is what will be found to take place in large distances, in such countries as are interfected by deep rivers, or watercourses: or in such as have no artificial roads; and where those on the natural level, have obstacles to furmount. The degree of winding of roads, in different countries, is, (cateris paribus) according to the state of improvement, in which the roads are. In India, the roads are at best, little better than paths, and whenever deep rivers, (which in that country are frequent, and without bridges) morasses, chains of mountains, or other obstacles, oppose themselves to the line of direction of the road, it is carried round, so as to effect the easiest passage; and for this reason the roads there, have a degree of crookedness, much beyond what we meet with in European countries, where bridges are laid over every confiderable watercourse, and where hills are either levelled, or reduced to a convenient degree of acclivity, and after

all, expences faved in many cases, by the difference of labour between the smoothing of the direct road, and the forming of a road on the natural level. But the proportions, must of course vary with circumstances; and may be only one in ten, in a dry, open, country, and one that has a tolerably even furface: but this happens too rarely to found any general rule on. As the line of diffance increases, a greater degree of winding will take place; or, a thort distance will always be on a straighter line than a long one: for in countries where the management of the roads is not arrived at a high degree of perfection, the road through a kingdom will be made up of portions, confifting of the particular roads leading from one city, or principal town, to another, although they may not lie in the general line of direction; and then there will be a general winding, added to the particular one: and the above proportion of 1 in 7, is applied to this compound winding. And, added to this, in very long distances, some natural obstacle, will, very probably, oppose itself: an arm of the sea; a river of difficult passage; a morass; or an impassable ridge of mountains; and change totally the direction of the road: whilst the parts, on each side of the obstacle, might have but an ordinary degree of winding: and it is feldom, but that one or other of these, occurs in the space of 100, or 150 miles. Probably 1 in 8 \* may be a pretty just general proportion for distances of about a 100 miles: that is, 8 miles by the road, will be seven direct; or what is commonly termed birdflight: and where the extent is from 200 to 300 miles, 1 in 7.

Measured distances in Hindoostan, do not often occur, where, at the same time, the true horizontal distance is given, except in Bengal: and that is a country too full of deep rivers, lakes, and morasses, to serve as a general standard. In the Carnatic, a dryer country, the medium of winding, in distances of about 100 miles, is 1 in 9. Hir England, as far as we can trust the maps (which may

<sup>\*</sup> This is M. D'Asville, the pr. 45 and 45 of his Coaliderations Geographiques.

be done, where the distance consists chiefly of difference of latitude) I in II is the proportion, in distances of about 100 miles; and in very great distances, such as Edinburgh, 1 in 7.

It may happen that the direct route may lie through a defert or an ill-governed country; in which case, travellers will avoid the way, in which famine, or robbery, threatens them, and by these means be carried out of the true line of direction: but it is obvious that no rule can be given for fuch cases. Upon the whole, the degree of winding, as far as depends on natural causes, must be estimated by the compound ratio of the length of the line of distance, and of the nature of the country, as to evenness, dryness, and openness. And of course, some local knowledge of it will be required, in order to correct the distances in a just degree \*.

The term coss is of high antiquity; and that of cossid, or courier, appears to be derived from it. It feems that the measure of the coss, established by the different Emperors of Hindoostan, has varied confiderably at different times; and has always been longer than the computed one. That fixed by Acbar appears to have been about 2 British miles, and a fixteenth. But of this, I have no farther proof, than what refults from the comparison of the different measures of the road between Patna and Moorshedabad; being a portion of the great road from Delhi to Bengal, measured by order of one of the Emperors.

M. D'Anville concludes his enquiry + into the length of the coss, by determining the number in a degree, on a medium, to be 37; but it must be observed, that he had no measured lines with which he could compare his estimated distances. On the other hand, in the respective distances of Candahar, Cabul, and Attock, as described by him, each degree contains 47 of Tavernier's cosses.

Those who with for a general rule for thanging horizontal distance into road distance, in their common references to maps; may break the line of distance, (if very long) into portions of not more than 100 or 150 miles; and then add to the whole sum of the distances, to obscite, one eighth part. These pertions should be contrived, so as severally to include the tracks, between the points, that diverge most from the general line of direction of the whole state. By this means, the errors arising from the compound winding, will be available. Rclaircissemens, p. 14.

### SECTION I.

#### The SEA COASTS and ISLANDS.

ALCUTTA is the point I shall fet out from, as well from its A being determined by several observations of longitude and latitude, as from its having a measured line of considerable extent firetching from it both to the east and west. I shall first pursue the route westward to the mouth of the Indus; and then return to Balasore, and go eastward to the entrance of the strait of Malacca.

Calcutta, the capital of the British possessions in India, as being the refidence of the General Council, has its citadel placed in latitude 22° 33' north; and in longitude, by a medium of the observations of four different gentlemen, 88° 28' east from Greenwich \*.

Balasore, situated about 101 geographical miles + from Calcutta. is the extreme point of the Bengal survey on the SW; or on the quarter towards Madras. Col. Pearse's return from the Carnatic. after the termination of the late war, afforded an opportunity of carrying a measured line from Madras to Balasore, which had long been a desideratum; as the exact positions of the intermediate stations of Masulipatam, Visagapatam, Ganjam, and Cattack, points on which many others eventually depended, were wanted: and although there might be no great reason to suppose that Masulipatam and

<sup>\*</sup> All the latitudes mentioned in this work, being north of the Equator, and all the longitudes east of the meridian of Greenwich, I shall in suture mention only the terms latitude and longitude, leaving the species of each, to be understood, † I have made use of Geographic miles, or those of 60 to a degree, in the account of the construction of the map; and of British statute miles in giving the comparative extent of countries. They are distinguished by G. miles, and B. miles.

Visingapatam were much out of place, in the former map, yet Gaujam and Cattack were doubtful. Col. Pearse's industry and attention have amply supplied what was wanting, within this line.
He directed the whole to be measured with a perambulator, and
corrected each day's work, or at least, every considerable interval,
by observations of the latitude; and the general course being little
more than 3 points from the meridian, the differences of latitude,
were applicable to the correction of the distance thro' each particular interval: and for a check on the whole, we had already in our
possession, observations of longitude repeatedly taken at Calcutta
and Madras. The whole extent of Col. Pearse's measured line, in
road distance, was near 900 British miles; a work of no small
labour.

The longitude of Fort William, the citadel of Calcutta, as abovefaid, taken at 85° 27′ 45″\*, from the medium of 4 observers; and that of Madras 80° 24′ 40″ †, from the medium of 3 observers, gives a difference of meridians of 8 degrees, 3 minutes. It remains then, to compare with this, the difference of longitude sound by Col. Pearse's measured route, as communicated by Mr. Pringle is the map drawn by him, and sent to the East India House.

Balafore, by the furvey, is 1° 26′ 30″ west of Fort William, and must therefore be in 87° 1′ 30″. Col. Pearse reckons it 1′ 15″ more westerly; but I adhere to the survey. From Balasore to Ganjam, in lat. 19° 22′, Col. Pearse reckons 95 miles of westing, or 1° 41′ 20″ difference of longitude; which brings Ganjam in lon. 85° 20′ 4″ ‡. And from Ganjam to Madras he made 5° 2′ 18″ west: whence the

```
Hon. Thomas Hove
                                      830 33
             Rev. Mr. Smith
                                      85 28
                                             Medium 86° 27′ 45″
             Mr. Magee
                                      88 21
             Capt. Ritchie
                                       88 zó
  To which may be added the French observation at Ghyretty, which place is 1' east from alcutta
Calcutta
                                      88 29
                                     + Mr. Howe
             Mr. Dalrymple
             Mr. Topping
             # Mr. Mears's observation was 85° 17' by @ and D. 19701
```

longitude of Madras, would be 80° 17' 44". Here is found an excess of about 7 minutes difference of longitude, more than the obfervations give. But in examining the map abovementioned, it appears that the difference of latitude between Ganjam and Madras by account, exceeded that by observation 8' 30"; and if this is to be imputed to excess of distance (which is highly probable) an excefs of longitude must also have taken place; and this error will amount to about 6' 48"; or nearly the difference in question. This triffing error of 7 minutes in a difference of meridians of 6 degrees and a half, to whatever it may be owing; whether to overmeasurement by the wheel; variation of the compass; defects in the instruments; or errors in the observations of longitude; or partly to all these causes; is very immaterial, to general geography. The result shews, that we may consider the difference of meridians between the two places, as determined near enough for the purposes of navigation, or general Geography.

I must not omit to mention that Capt. John Ritchie, by direction of the Bengal Government, in 1770 and 1771, took the bearings and distances in a general way, from Madras to Balasore; and his result came within one minute of the longitude by observation. But forme of his intervals were not well proportioned. His position of Masulipatam, indeed came out only 1' to the cast of Col. Pearse's; but Visagapatam was 7', and Ganjam 22' more westerly.

Although Col. Pearse's route serves to fix most of the principal places, on or near the coast, yet oftentimes it deviated considerably, and for a length of space, from the coast; as between Balasore and Jagarnaut; and between Vilagapatam and Ongole. These blanks are supplied from the materials of Capt. Ritchie, Major Stevens, Major Polier, Mr. Cotsford, and others.

First, from Balasore, to Point Palmiras. This was done by Capt. Ritchie, by a series of triangles, formed by three surveying vessels; and tricked by observations of latitude. The result, placed Point Palmiras, directly south of Balasore: that is, in lon.

87° 1′ 30″; lat. 20° 44′. From Point Palmiras to Jagarnaut Pagoda, the coast was traced in a more cursory manner; and accordingly, the bearing and distance between Balasore and Jagarnaut is very differently given by Col. Pearse and Capt. Ritchie: the account of the former being only 54′ 30″ difference of longitude; and that of the latter, 1° 16′. This very considerable difference is too striking, not to be particularly noticed; and requires that some observations should be made with time-keepers, to ascertain the relative positions of Jagarnaut, Point Palmiras, and Balasore. Wherever the mistake may lie, it is of great importance to have it rectified: for if Col. Pearse's bearing be true (and there appears no reason to doubt it) there must be a very considerable error in the course between Jagarnaut, and Balasore road, in Capt. Ritchie's chart.

The longitude of Cattack is scarcely altered from what it was in the former map of India; where it was placed on the authority of Capt. Campbell; in ion. 86°. It is now in 86° 1′ 30°; and its latitude stands as before.

From Jagarnaut to Ganjam, the particulars of the coast, are from Col. Pearse's map, collated with those of Ritchie's and Campbell's. From Ganjam to Poondy, is taken from the map of the Itchapour district; and Col. Pearse's route on it, which may be traced from Ganjam to Bindi (near Poondy) furnishes the means of correcting the compass of that map, which was faulty in a very considerable degree. Bindi forces as a connecting point for the two maps; as Nauparah or Now pathal, a little farther to the SW. does for Pearse's, and Cridland's map of the Tickley district. The coast between Boondy and Bimlepatam is sketched from Lieut. Cridland's map, from Major Polier's journal, and other MSS. From Bimlepatam to Visagapatam is from Col. Pearse; and from thence to Coringa from a MS. map, compiled during Col. Forde's expedition to Masulipatam, in 1759; collated with Capt. Ritchie's map.

As

As there have been some observations taken at Visagapatam to ascertain the longitude, it is proper to take notice of them, and to compare the result with the longitude deduced from Calcutta and Ganjam, by Col. Pearse's line. This gives 107,1 miles of westing, or 1° 52′ 54″ difference of longitude, from Ganjam to Visagapatam; from which if we deduct the proportion of the error in the distance (see page 10) the true difference of longitude will be 1° 50′ 39″; which taken from 85° 20′ 4″, the longitude of Ganjam, leaves 83° 29′ 25″ for that of Visagapatam. But Col. Pearse's observation was 84° 23′ 30″ and Mr. Russel's 83° 21′ 30″. Its latitude is 17° 42′.

From Coringa to Masulipatam, the sigure of the coast is from Major Stevens, as Col. Pearse's route goes far inland, by way of Rajamundry, Ellore, &c. and does not again approach the coast near enough to determine its position, till it comes to Vantipollam, near Ongole. These maps of Major Stevens's and of Col. Pearse's join at the points of Siccacollum, on the bank of the Kistnah; at Rajamundry, and at Samulcota. These 2 maps differ considerably in the extent between Siccacollum and Samulcota; Major Steven's giving 62 miles less than the other (error of distance allowed) but, I believe, Major Stevens's distance was measured, only between Siccacollum and Narsapour.

Masulipatam has its position very satisfactorily determined, by Major Stevens's measurement from Siccacollum, a place in Col. Pearse's map. It is 17,4 G. miles east; and 3,3 south of it; and comes out 48' of longitude, east of Madras, or corrected (see again page 10) 47'; its longitude being 81° 12'; lat. 16° 8' 30".

From Masulipatam to Madras, the figure of the coast, is generally from Capt. Ritchie, corrected in certain points by the land survey, of Col. Pearse. For as the latter came close to the coast at Vantipollam. Carwaree, and Ramecapatam, it appeared that Capt. Ritchie's chart required correction in the great bay between the latter place and Point Divy. I found it necessary also to reduce

the point at the mouth of the Pennar river, and make it less prominent; as the distance from Nellore to the nearest sea coast, would otherwise have been much too great \*. Indeed, it was not expected that a veffel, failing along a flat, straight coast, without land-marks, could afcertain every fmall bending of the coast.

It is proper to remark, that the whole difference of longitude between Calcutta and Madras, in M. D'Anville's and D'Apres' maps, comes within a few miles of the truth, as they were in poffession of the observations taken at Ghyretty and Pondicherry: but their maps are exceeding faulty in the detail.

The longitude of Madras, or Fort St. George, as was faid before, (page 9) is taken at 80° 25'; and its latitude is 13° 5'. Pondicherry, by a series of triangles obtained by means of the Jaghire map, Wandiwash Hill, Permacoil, the red hills, and the difference of latitude, I make to be 25' of longitude, west of Madras; so that Pondicherry will be in 80° just. The medium of the different obfervations taken, there, is 79° 55' 40" +. Mr. Pringle, who meafured the routes of Sir Eyre Coote's army, during the late war, makes the difference of meridians the same as I do, to a fraction. Its latitude is 11° 56'.

Cuddalore, in lat. 11° 41', and Ion. 79° 45' 45", is the most fouthern point, determined by Mr. Pringle's measured routes: but the same gentleman furnishes us, with the bearing of Portonovo from that place; which, with its latitude 11° 30', allows us to place it, almost to a certainty, in lon. 79, 53, 30%

The polition of Chilinmbran Prode in respect of Portonovo, although so conspicuous an object to the fight, is variously represented. By the medium of what appeared to me to be the best authorities, I have placed them South-west 72 G. miles from Por-

There allowed Point Pennar to be to G. miles to the east of Nellore : most of the MS. maps make it lefs.

+ Con. de Temps

<sup>79° 57</sup> 79° 53 79° 53 Medium 79° 55° 40″ 79° 57

tonovo. Mr. Barker determined their polition with respect to Devicotta, by a measured base, to be W. 16° 45′ N. 8 G. miles; which added to the former line from Portonovo, gives 79° 55′ for the longitude of Devicotta. Its latitude appears to be 11° 21′. Most maps allow a much greater distance between Portonovo and Devicotta, than what arises from the above construction; which is 9 G. miles on a SSE. bearing: and the foundation of the error, appears to me to be the giving the bearing of Devicotta from Chillambrum, too great a degree of fouthing.

From Devicotta, southward to Negapatam, my authorities are some MS. maps; among which, is one, drawn by M. D'Anville, containing the principal positions between Madras and Tanjore; and seems intended for the basis of a map of the south Carnatic. Had M. D'Anville's differed from the others, I should have been inclined to give the preference to the result of his investigations; but it happens that all the different maps I have consulted, differ so little among themselves, that none make the difference of longitude between Devicotta and Negapatam more than 1'45"; and the medium of the whole is 1'15" east; so that Negapatam may be taken at 79° 56' 35" lon.; and latitude 10° 46'.

Thus Negapatam appears to be 3' 25" west of Pondicherry, or 28' 25" from Madras; and whatever error there may be, must arise chiefly between Devicotta and Negapatam. If there be any, the different geographers and map-makers have all fallen into the same kind of error. I observe that the different maps made of late years, in India, have considered Negapatam as being in lon. 79° 53' to 79° 54". I know not whence the idea is taken, but, whether founded or not, it differs but little from mine.

Negapatam is the southmost point, on the eastern side of the peninsula, whose position can be reckoned tolerably exact; unless we except Point Calymere, whose bearing being pretty well known from Negapatam, and its latitude determined with precision; may be considered as being nearly as well ascertained as

Negapatam, on which it depends. Its latitude is 10° 20'; and longitude 79° 54' 30".

No connected measured line that can be depended on, has yet been carried across the peninsula; Col. Fullarton's marches, measured by Col. Kelly, extending only to Palicaudchery; that is, not within 50 G. miles of the coast of Malabar: and those extended southward, through Madura and Tinevelly, ending at Cape Comorin. Fortunately, however, we have a series of longitudes by a time-keeper, deduced from Bombay, by Capt. Huddart, and extended at intervals, along the whole coast, to Anjenga; of which, more will be said hereafter.

Col. Fullarton's march into the southern countries of the Carnatic, gave an opportunity of measuring the distances, and ascertaining the relative positions of Tanjore, Tritchinopoly, Madura, Combettore, Palicaudcherry, &c. in respect of Negapatam, where the march commenced. The plan of these marches communicated to me from the East India House, bears the name of Col. Kelly; and is declared to be actually measured, through the points abovementioned. We have to regret that the same attention was not bestowed in the march from Calicut to Palicaudcherry; the intended point of junction of the Bombay detachment, with that of Col. Fullarton: for, in that case, the exact width of the peninsula, had been no longer a matter of enquiry.

Tritchinopoly comes out, by the above map of Col. Kelly's, to be 1°, 10′ of longitude well from Negapetam, which taken from 75° 56′ 35″, leaves 78° 46′ 35″ his the longitude of Tritchinopoly \*. The latitude is 10° 49′.

Madura, by the same authority, is 34' difference of longitude west from Tritchinopoly; that is, in lon. 78° 12' 35". Here it must be noted, that great discordance arises between the different

A map, drawn by Baron Welebe (of the Hanoverian corps) accords in this statutalar, and indeed, in every other material one, with that of Col. Kelly: but I have been been bow Baron W. procured his materials.

accounts of the bearing and distance between Tritchinopoly and Madura, as given by Kelly, Montresor, and others. The two former differ 1,6 G. miles only, in distance; but Col. Kelly's bearing, gives 12,3 G. miles, more of westing, than Montresor's. And a third map, communicated by Mr. John Sulivan, has the same bearing with Kelly's, but exceeds it, 3,7 G. miles, in distance; thereby, increasing the westing 1,3 G. miles; and of course, exceeding Montresor's 13,6 G. miles, or 14'15" of longitude.

The latitude of Madura, I have not yet learnt. Col. Call's map places it in 9 52 30"; and Col. Kelly's difference of latitude from Tritchinopoly, 53' 12", gives 9° 55' 48".

The authority for the remainder of this line, through Palamcotta (or Tinevelly) to Poolytopu on the sea coast, westward of Cape Comorin, is from the man of Madura and Tinevelly, made under the direction of Col. Call (then Chief Engineer at Madras) and from Mr. Pringle's road distances; together with the latitudes of Palamcotta and Poolytopu. First, I find in Col. Call's map, 1° o' 30" difference of latitude S. between Madura and Palamcotta; and 18' of longitude, west. This would place the latter in 8° 43' (Mr. Pringle informs us, that its latitude is 8° 44') and in lon. 77° 54'35". Then, from Palameotta to Cotate or Cotaur, on the west of the Gauts, Mr. Call's map gives 29' 12" difference of latitude S.; and 22' difference of longitude west; to which, if we add the deduction from Mr. Pringle's measured distance to Poolytopu, 5' 30" difference of latitude S.; and 6' difference of longitude west \*; the whole difference of latitude will be 34'42" S. and difference of longitude 28 west; giving for the position of Poolytonu, lat. 800 18": 'lon. 77' 26" 25".

Poolytopu village appears to be fituated on the sea coast, ENE. 4 G. miles from Cadiapatam Point; which point, by Mr. Howe,

The bearing being the state and Poolytopu, is inferred from some MS. maps of no great authority, to be about SW 1 The whole difference being only 8 G. miles, the difference of longitude would be but little account on the bearing.

is reckoned in lat. 8° 7'; and Poolytopu being about 1' 30" to the N. of it, should be in 8° 8' 30", according very nearly with the above calculation. It must, I think, be acknowledged, that there is nothing in this deduction, that appears forced. Poolytopu, by the best account I can get, (a French MS. map in Mr. Dalrymple's collection) is 16' of longitude west of Cape Comorin; which Cape, by this account will be in lon. 77° 42' 35".

We have some further light thrown on this subject by the measurement of the road, by Mr. Pringle, from Tanjore to Poolytopu. His whole road distance is 251; B. miles; and allowing 1 in 9 for the winding of the road, the horizontal distance will be 223; B. miles, or 193 G. miles; which, on the same bearing as the above deduction is founded on, (S 33° 40′ W) gives difference of latitude 2° 41′ 18″; and westing 107,4, or difference of longitude 1° 49′. As Tanjore is in 10° 46′ 30″, the latitude of Poolytopu comes out 8° 5′ 12″, and its lon. 77° 23′ 15″ (the longitude of Tanjore, by Col. Kelly's measurement, being 79° 12′ 15″, deduced from Negapatam) and 16′ added to it, gives for the longitude of Cape Comorin 77° 39′ 15″, or 3′ 20″ to the west of the first calculation.

Again, if the proportion of 1 in 8 be adopted for the winding of the road, (a more common one) it produces 190 G. miles + of distance; and the latitude of Poolytopu will be 8°8'; and its lon. 77° 20′ 50"; and that of Cape Comorin 77° 36′ 50".

This is all the fatisfaction that I have been able to obtain, concerning the longitude of Cape Comorin, as deduced from the eastern fide of the peninfula. Something depends on the truth of the affumption, respecting the position of Negapatam; and still more on

The road from Madras to Tritchinopoly	
had a winding of I in O I ritchinopoly to Velore I in 10 Madras to Tanjore I in 0  Wandiwash I in 8  Carongoly I in 9  Arcot to Wandiwash I in 7	

<sup>†</sup> The distance arising on the lines of Kelly and Call is 186,25 G. miles.

the accuracy of the map of Tinevelly, the history of which, I am unacquainted with: but, I think, the near coincidence of Mr. Pringle's measurement, with it (for I reckon 3' 20" but a trifle in general geography) is a presumptive proof of its general truth. It is understood that there is from 1 to 2 degrees of westerly variation, between Negapatam and Cape Comorin: if this be allowed, it will remove the Cape 4' 30" further to the west; and place it, according to Kelly's and Call's lines in 77° 38' 5".

Let us now turn to the other coast, and observe how Capt. Huddart's and Capt. Dundas's, deductions of longitude, from the west to Anjenga, accord with the reputed space, contained in the interval between Cape Comorin and Anjenga; which space, by Mr. Dalrymple's observation of the difference of longitude shewn by his time-keeper, in 1777, was 52′ 30″. This, taken from 77° 38′ 5″, leaves 76° 45′ 35″ for the longitude of Anjenga.

Capt. Huddart's longitude of Anjenga, deduced by time-keeper from Bombay, reckoned in 72° 40' is - 76° 39'

Capt. Dundas's - 76 30

Mr. Dalrymple's > - - 76 38

As Capt. Huddart's series of longitudes commenced at Bombay in lat. 18° 58', and were continued to Anjenga in lat. 8° 39', and then back again to Bombay; by which the error of his time-keeper was ascertained, and which was only as much as amounted to 2; minutes of longitude; we have every reason to be satisfied with this series, as far as respects general positions: and indeed, geography is greatly indebted to the labours of this gentleman, who has presented us with the longitudes of 16 places on this coast, and by that means given the true general figure of it, which exhibits, to those who have been in the habit of contemplating it, a very different form, from what it ever did before.

I am of opinion that more dependance may be placed on Capt. Huddart's longitude of Anjenga, deduced from Bombay, in the manner abovementioned, than on any other account: but at the

same time I have adopted Mr. Howe's observation of longitude at Bombay, as it appears the most consistent with other accounts. I do not mean by this, to determine on the merits of the different observations (of which indeed, I am incapable) but rather because it accords with the observation taken at Goa, and with the routes across from Negapatam to Tanore; and, as far as may be judged, with the deduction from Negapatam to Cape Comorin. It is true, that if Montresor's position of Madura is admitted, it will place Cape Comorin 12' farther castward; and if the variation be not allowed, there will be 4' 30" more to be added; in all 16' 30", or the full difference between Capt. Howe's, and Capt. Huddart's observations; the one being 72° 38', the other 72° 54'.

It now remains, after this investigation, to be shewn, in what manner I have compounded the above differences; that no distortion of the intermediate parts should take place. Anjenga, I have placed in 76° 40′, being the medium of all the different accounts, by observation; and by deduction from Negapatam. Mr. Dalrymple's difference of lon. 52′ 30″ to Cape Comorin, is then adopted, which places the Cape in 77° 32′ 30″. Madura, is placed in 9° 52′, the latitude, given by Call; and its longitude is determined by Col. Kelly's distance from Tritchinopoly, with the addition of 3 miles to it; that is, in lon. 78° 11′; and Palamcotta in lat. 8° 42′, and lon. 77° 49′ 15″; according to the proportions furnished by Call and Pringle, between Madura and Poolytopu.

The form of the coast between Madras and Cape Comorin, is from various authorities. The survey of the Company's lands (or Jaghire) extends beyond Alemparvé. From thence to Negapatam, is from a French MS. map, collated with D'Anville's map of positions (above spoken of) and several particulars between Pondicherry and Portonovo, from Mr. Pringle's map of the marches. The mouth of the Coleroone is from an English MS. map. From Negapatam to Tondi, is chiefly from Major Stevens's, and product observations: from Tondi to Good-water Island.

D 2

alone: from thence to Tutacorin, Capt. Delafield's cursory survey: and the remainder to Cape Comorin, is from Col. Call's map of Tinevelly; corrected occasionally by a printed chart, published by Mr. Dalrymple. It is not pretended that any of these points beyond Cuddalore, are ascertained with precision: but it is highly probable that Point Calymere cannot be out in its longitude, 4 minutes. Tondi has the bearing and difference of latitude from Point Calymere to correct its position; and there was also a line drawn from it to Tanjore. Ramanad is fixed by the intersection of two lines, from Madura and Tondi; and therefore must partake of the errors incident to Tondi, and Point Calymere. The Point of Ramiseram is also dependant on Tondi. When I constructed the map of India, in 1782, I concluded that the respective distances between Tondi, Tritchinopoly, and Devicotta, had been measured, and that I worked on fure ground: but I have fince been convinced of the contrary.

From Cape Comorin to Anjenga the particulars of the coast, appear to be either little known to us, or very ill described; as the reports of it are various and contradictory. Between Cape Comorin and Ruttera Point, I took the particulars from a French MS. chart, the scale of which appears to be faulty; for it gives only 35 G. miles of distance between Cape Comorin and Point Ruttera; and the difference of latitude only 13' 48", by which the latter would be in 8° 14'; whereas, it cannot well be under 8° 20', according to Mr. Howe's observation: and Mr. Dalrymple observes that Ruttera Point is nearly 29 G. miles from that of Cadiapatam, which is about 19 from Cape Comorin. On these ideas, I have extended the distance to 462 miles; and still Rutterais only 28' from Cadiapatam. M. D'Apres' account of the bearings and distances between Cape Comorin and Anjenga, gives 42' difference of longitude; but then his chart contradicts that account, and gives 441; besides an absolute discordance in particulars. Mr. Pringle meafured only 49 B. miles of road distance, between Poolytopu and Anjenga,

Anjenga, which cannot be more than 38 G. miles of horizontal distance; and falls short of my expectations, more than 9 miles. All that I could do, was to give the coast such a form, as my mind had conceived of it, by perusing these different accounts: at the same time, I confess, none of them appear conclusive: and until we know the exact position of Poolytopu, in respect of Cape Comorin, we cannot allow Mr. Pringle's measurement, to discredit in the least, Mr. Dalrymple's difference of longitude. We may here observe, by the way, that coasts of such rotundity of sigure, as the termination of this great peninsula, are seldom so well determined, as those that embay, and where the same point remains long in view, and is of easy discrimination. Here the projecting points succeed each other too rapidly to allow a sufficient degree of precision in calculating either the bearing, or the distance. The latitude of Cape Comorin I have taken at 8 degrees.

Coylan or Quilon, a Dutch factory about 14 G. miles to the N N.W. or N.W. of Anjenga, is the next place, whose longitude is noted by Capt. Huddart; but as it cannot be expected that places differing only a few minutes of longitude from each other, can be determined with precision by this means; I shall pass on to Porca, another Dutch factory, in lat. 9° 15', and longitude by Capt. Huddart 76° 10'. I can by no means reconcile this longitude with the Dutch MS. maps of this coast; for as the difference of longitude between Cochin and Porca by Capt. Huddart is only 8', the bearing ought to be S 10° E; whereas in the map, it is S 25 E. In order not to do too much violence to either report, I have allowed 16' difference of longitude, instead of the 8' of Capt. Huddart's, and the 10' of Capt. Dundas. The Dutch MS. in question contains the whole coast from Coylan in lat. 8° 51', to Cranganore in lat. 10° 23'; together with that vast assemblage of lakes, that extend in some places 30 miles inland; and are the repositories of the waters that spring from the west side of the Gauts; the woole country hereabouts being very flat, marshy, and unwholsome. This

MS. map, which is also in Mr. Dalrymple's collection, contains a most valuable addition to the geography of this part of the peninsula.

Cochin, the principal settlement of the Dutch, on this coast, is the next place in Capt. Huddart's table of longitudes: and is reckoned by him, in 76° 2′; lat. 9° 58′. Capt. Dundas makes it 75° 58′; and M. D'Apres, in his new Neptune Orientale, 76° 3′.

Capt. Huddart has not noted the longitude of any place between Cochin and Tellicherry, in lat. 11° 48': and there being only a fingle observation at the latter, I am inclined to pass over the confideration of it; and proceed to the next point of observation, Mount Dilla (or Delly) where 3 observations were taken. Mount Dilla is a remarkable promontory situated in lat. 12° 1'; lon. 75° 2'; or 1° west of Cochin.

We have two accounts of the bearings of the coast between these places; the one from M. D'Apres, the other has its particulars from different authorities. Neither of the two, differ essentially; and it is necessary to examine them carefully, as the result is to be used in comparing the longitudes of Paniany and Tanore, deduced from Capt. Huddart's observations; with that deduced from the marches of the Colonels Fullarton and Humberstone, across the peninsula.

#### M. D'Apres account is as follows:

Cochin to Cranganore	N by W	25! G. miles.
Paniany	N 7° 15' W	21
Calicut -	NNW -	42
- Mahé -	NW by N	30
Mount Dilla	NW -	30 1

The whole, added together, gives a bearing of N 25° 30' W, diftance 144.5 G. miles; on which, the difference of latitude is 2° 10′ 30″, and welling 10.62. But as the true difference of latitude

tude is only 2° 3', there is an excess of 7,5 in northing, and 3,6 in westing: and the corrected departure, 58,4, gives the same difference of longitude as set forth in Capt. Huddart's table.

The second series of bearings and distances, are these:

Cochin to	Cranganore (by the Dutch		
	MS. map)	N 12° W	24,9 G. miles.
	Paniany (by D'Apres)	N 7° 15′ W	21
	Tanore (by D'Auvergne)	N 20° W	14,7
•	Calicut (by Ditto)	N 19° 15' W	24,3
-	Mahé (by D'Apres)	NW by N	30
***************************************	Mt. Dilla (by De Funck)	NW by W	28,4

This feries, corrected by the difference of latitude, gives about 2' of longitude, more than that of D'Apres; a matter hardly worth confidering.

Paniany is much the fame in both accounts; and when corrected in position, by the proportion applied as above to D'Apres' series, will be in lat. 10° 41′ 45″, lon. 75° 55′; or 7′ west of Cochin. And Tanore, by D'Auvergne's account of its position, in respect of Paniany, will be in lat. 10° 55′, and lon. 75° 49′; or 13′ west of Cochin.

It may be observed that De Funck's bearing of Mount Dilla from Mahe is N W by W, while that of D'Apres' is N W, and 1,6 more in distance. The fact is, that the compass in De Funck's plan is erroneous, the bearing of Mount Dilla being there W 22° 45' N. from Mahé; and W 23° 30' N. from Tellicherry; although the difference of latitude requires it to be almost a point more northwardly. The true bearing is still a desideratum, but I have obtained an approximation towards it, by means of bearings taken it wo ships in Tellicherry road. By the medium of the state of the states.

of Mount Dilla from Mahé, appears to be W 33° 15′ N.\* or nearly N W by W; and the distance on De Funck's plan (which is understood to be measured) is 28,4 G. miles. This gives 24′ 30″ difference of longitude, or 75° 26′ 30″ for the longitude of Mahé; whose latitude is 11° 45′ 18″. And Tellicherry being by the same plan 3′ 30″ west of Mahé, will be in 75° 23′ lon. and lat. 11° 48′. Capt. Huddart's Table gives only 16′ difference of longitude between Mount Dilla and Tellicherry, although stated above to be 21′; but I have before observed that these fort of observations are more to be depended on, in great differences of longitude than in small ones: not to mention that in the calculation of these differences, the actual place of observation (that is, on board the ship at anchor in a road, or coasting along shore) is often adjusted to the place whose longitude is to be recorded, and which may be styled the nominal place of observation; by estimated distances.

Deducing the longitude back again from Mount Dilla to Tanore, a difference of 2' must of course be expected, as the two series of bearings give that difference in the longitude; and Tanore, will of course be 75° 51', or 2' more easterly than the deduction from Cochin in the last page.

And now it will be proper to examine how far the lines of bearing and distance, drawn by Col. Kelly, and Lieut. D'Auvergne, across the peninsula, in the parallels of Tritchinopoly and Tanore, agree with the results drawn from Capt. Huddart's observations.

Col. Kelly's furvey of Col. Fullarton's march to Palicaudcherry, was, according to the paper accompanying it, in the East India House, measured the whole way. The result, according to the

One of these hearings was NW \( \) W. at \( \) of a mile off shore: the other, said to be \( 2 \) off shore, was NW by W. By reference to a plan of the road, it appears that the latter station could have been only i'\( \) off shore, as the depth of water, was no more than \( 5 \) fathoms. We may observe that Mount Dilla should have bore more westerly from the observer that was nearest the shore, than the one farthest off: but there is seldom much nicety observed in taking bearings on shipboard, although so much depends on it. By calculation, the difference of the angle between an observed at 1 off shore, and another at Mahé, would have been \( 3 \) 15 \( 1 \) and that at I \( \) off shore, \( 3 \) 30 \( 1 \) of that Mount Dilla would bear from Mahé by the first compass \( W \) 36° N.; and by the second, \( W \) 30° 30 \( N \): the medium of which, is \( W \) 33° 15 \( N \).

map, gives 184,25 G. miles of westing from Negapatam, or 3° 7 48" difference of longitude; placing Palicaud in 76° 48' 47"; and in lat. 10° 51'; that is, 5' north of Negapatam. Of the route of Col. Humberstone from Tanore to Palicaud, I have seen no less than 5 different plans; some of them differing 6' in longitude (that is, in distance) where the whole space did not exceed 57 miles. One alone among these had the author's name to it, and therefore demanded the preference: It was by Lieut. D'Auvergne. yet to learn, whether the distance was measured or not; but I should hope and expect it was, or a great part of it; for one of the copies, and which appears to have been transmitted during the march, distinguishes between the measured and estimated parts \*; the former feeming to be the part marched over, and the latter, the part the detachment had yet to march. D'Auvergne's plan gives 567 G. miles of westing between Tanore and Palicaud, or 58' 15" difference of longitude; thereby placing Tanore in lon. 75° 50′ 32", according to the abovementioned longitude of Palicaud, deduced from Negapatam. The copies of this route, inferted in the maps of Col. Kelly and of Baron Wesebe, give only 50; G. miles, or 6; less of westing than D'Auvergne's. Another map (communicated by Mr. J. Sulivan) and probably in this part, copied from D'Auvergne's, gives 57 miles; and a fifth, transmitted by an Officer in Col. Fullarton's army, precifely the same as D'Auvergne's; that is 561.

If we adopt D'Auvergne's distance, the longitude of Tanore, deduced from Negapatam, will be - 75° 50′ 32″

Deduced from Capt. Huddart's observations at Mount Dilla - 75′ 51

And from the same at Cochin - 75′ 49

Medium of all 75 50 10

Scarce

<sup>\*</sup> It should be a rule observed in all plans, to note how the scale was obtained; whether by actual m asurement; difference of latitude; or estimation of distances: to which may be attent, that the meridian line or parallel should be drawn across the whole space in the plan, to prevent errors in measuring the angles of bearing.

Scarce any discussion of the fort could be attended with a more satisfactory result: and I think it affords the strongest presumptive proofs of the truth of Capt. Howe's observations at Bombay; from which, the longitudes shewn by Capt. Huddart's time-keeper, are deduced.

With respect to my former ideas of the breadth of the peninsula, although the extent in longitude between Bombay and Madras, remains nearly as before; yet by the swelling out of the coast, on the south of Bombay, I reckoned it too narrow by about 30 G. miles in the parallel of Madras; and 27 in that of Pondicherry.

I have now concluded the discussion of the longitudes across, and round the fouthern part of the peninfula; and also an account of their application to the map: for a rigid adherence to difference of longitude even by observations of the above kind, between places not far removed from each other, would in some cases, distort the relative parts of the map beyond probability; and therefore, it was necessary, in some measure, to accommodate the differences, when the existing authorities appeared to carry more weight than the obfervations: which, as we have observed before, are subject to error, even in the application: and they are no less so, from a casual variation in the rate of the time-keeper. A feries of observations, fuch as we have been confidering, must in a general view, be regarded as decifive; but it would be hazarding too much to adopt each particular longitude, when it was contrary to every other authority. Much less can any absolute dependance be placed on lines of bearing and distance taken from maps, whose history and construction is not before us. And where more authorities than one may occur, and those not agreeing; in such cases, it must be left for the judgment to determine, which appears the most probable. Now, although there are strong presumptive proofs of the general truth of the relative politions of the principal points between Cuddalore and Anjenga, yet they do not rest on the same solid foundations, as the positions in the north part of the peninsula: and there-

fore,

fore, Cape Comorin is placed more with relation to Anjenga, than to the eastern coast. Again, the respective differences of longitude between Anjenga, Porca, and Cochin, do not well accord with other authorities; and therefore as these differences of longitude are very small, I thought the Dutch MS. map, might be better authority for them, than the differences shewn by the timekeeper. Another particular is to be noted, concerning the longitudes on the fouth of the parallels of Cuddalore and Mahé: (viz.) that these will be found somewhat different in the map from the above account; for when the map was constructed, I was not in posfession of some papers which throw an additional light on the subject: but these differences are very trifling. Some few errors also crept into the construction; fo that upon the whole, this account contains rather what the map ought to be, than what it is: though, possibly, the errors I am pointing out may be so small, that they would have escaped the notice of all but professed geographers.

Tanore and Cochin are both placed 3' to the eastward of the assigned longitude (page 23); and Negapatam 1' to the westward of what is given in page 14; by which double error the peninsular is made to be 4' narrower than was intended, in that parallel. I was ignorant at that time, that there was a plan of Humberstone's march, which had the author's name to it; and therefore had taken the medium of all the others. We will now resume the subject of the construction.

The latitude of Calicut I have taken at 11° 18'. This city is remarkable for being the first Indian port visited by European shipping: that is, by the Portuguese, who landed there under Vasco de Gama in 1498. It was then the most flourishing place on the Malabar coast, the Zamorin or Emperor making it the capital of a very extensive state. It appears to have fallen in its consequence soon after; the new power of the Portuguese occasioning a revolution throughout the maritime parts of the peninsula.

The form of the coast between Calicut and Mahé, is taken from a sketch of Major Abingdon's. Chitwa is said to be in lat. 10° 38',

by Capt. Drummond; but I cannot reconcile its fituation to that parallel; as it cannot well be so near to Paniany. I have placed it in 10° 33′ 15″.

Mangalore is the next place to Mount Dilla, in Capt. Huddart's table, and its longitude given is 74° 44'; lat. 12° 50'. For about 5½ leagues to the NW of Mount Dilla, the form of the coast is taken from a French map in Mr. Dalrymple's collection; the rest of the coast, to Mangalore, and from thence to Coondapour (or Baffelore) in lat. 13° 36', is little known as to particulars. river named Cangerecora, whose course is from the north-east, falls in about 4 miles to the north of Mount Dilla; previous to which, its course is parallel with the sea coast for about 11 miles, being separated only by a fpit of fand. The forts of Nelisuram, Ramdilly, and Matteloy are fituated on this river, which is joined by several other rivers, or streams, that descend from the Gaut Mountains; which, in this part, approach within 22 miles of the coast. not help confidering this Nelisuram, which is situated about 12 miles up the river, as the place meant by Nelcynda and Melcynda, by Pliny and Ptolemy; a place vifited by the Egyptian and Roman ships.

We have been lately brought acquainted with the particulars of the coast, between Barcelore and Meerzaw (or Merjee) by means of a map drawn by Lieut. Reynolds, during the war which terminated so unfortunately for the British arms in 1783, in the Bednore country; to which this part of the coast is opposite. This map is drawn in a most masterly style, and contains near 60 G. miles of the coast; and extends inland to the foot of the Gauts, which here, approach in some places within 6 miles of the sea, and are never more than 20 from it. It includes the positions of Bednore and Bilghey within the Gauts; and also, Onore, Batcole, and Coomtah on the coast. We are furnished with the means of joining this portion of geography to the rest, by having the longitude of Pigeon Island determined by Capt. Huddart; and by the position of it in respect.

respect of Fortified Island, near Onore. Pigeon island is very small, and lies about 8 G. miles from the coast, and 15 from Onore \*, and is in lat. 14° 1′. Its longitude is 74° 6′ 30″.

From Meerzaw, to Cape Ramas in the neighbourhood of Goa, we are but ill informed concerning the particulars of the coast. tween these, are situated the port of Carwar, and the islands of Angedive, both of them better known to the English in the early period of their India trade, and before they were in possession of Bombay. Capt. Huddart fixed the longitude of Oister Rock in the mouth of Carwar Bay, and also that of the Aguada Point and castle, on the north fide of the entrance of Goa Bay, or road. makes to be in 72° 34' 30"; and it is worthy of observation, that the city of Goa, which is 11' 15" more to the eastward, and confequently in 72° 45' 45" by the same account, was placed in the fame position within a fraction of a minute, by the observation in the Con. de Temps; and which, for want of being better informed, I formerly difregarded. The positions of Cape Ramas, Angedive, and Carwar Points, are corrected in respect of Aguada, by a set of observations and bearings of the late Capt. Howe, whose attention to marine science, was equal to his gallantry, and knowledge of the practical part of his profession. I have had occasion repeatedly to acknowledge the aids I have been furnished with, by means of his collection of Observations and Remarks, in the possession of Mr. Dalrymple.

The figure of the island of Goa, and its environs, to the foot of the Gauts, is taken from a Portuguese MS. map of Mr. Dalrymple's. The latitude of Goa, and of the Aguada Castle, is 15° 28′ 20″.

Goa, the capital of the Portuguese settlements in India, and the seat of a Viceroy, is a very considerable city. It was first taken possession of by Albuquerque in 1510, and from a Prince of Saracen extraction, according to Jarric.

<sup>\*</sup> When Fortified Island bore E 1 N distant 21 miles, Pigeon Island bore S 2 W, and Hog Island S S E. Hog Island bears from Pigeon Island E 2 S distant about 7 miles.

The coast between Goa and Bombay, near 220 G. miles, is little known to us in detail, nor indeed was the general bearing of it known, until Capt. Huddart furnished us with his series of longitudes. By his account it appears, that this coast, although in the neighbourhood of our principal marine station and arsenal in India, was described in the charts, with an error of very near a whole point of the compass, in bearing. Indeed the whole western coast of India has far too great an obliquity from the north towards the west, in all the former charts; my own not excepted. Mr. Dalrymple accounted very rationally for it, by bringing to our recollection the great quantity of westerly variation of the needle, that prevailed here, during the time of our first voyagers; and which is now reduced to less than 2 degrees. It is well known that it was a long time before the true north was discriminated in charts; and the original idea of the direction of this coast, was transmitted down to our days.

Perhaps there are few coasts so much broken into small bays and harbours, and that at the same time have so straight a general out-This multitude of small ports, uninterrupted view along shore, and elevated coast, favourable to distant vision, have fitted this coast for the seat of piracy; and the alternate land and sea breezes that prevail during a great part of the year, oblige vessels to navigate very near the shore. No wonder then, that Pliny should notice them in his time as committing depredations on the Roman East India trade; and although a temporary check has been given them, in the destruction of Angria's fleets, &c. yet we may expect that they will continue the practice while commerce lasts. are protected by the shallowness of their ports, and the strength of the country within. As pirates, they have greater natural advantages than those of Barbary, who being compelled to roam far from their coasts, have expensive outsets; here the prizes come to their own doors; and the cruisers may lie secure in port, until the prey is discovered.

The Vingorla Rocks in lat. 15° 52′ 30″ Capt. Huddart took the longitude of, next to Goa, and made it 73° 16′ 30″. These rocks lie about 6 or 7 miles off shore, of which we know but few particulars, farther than that it is possessed by a piratical tribe named Malwaans. The principal ports hereabouts are Melundy or Sunderdoo, a fortisted island about 10 miles to the N E by N of Vingorla Rocks, and reduced by Commodore James in 1765: also Rairee, Vingorla, and Newtya: which last I cannot help thinking, is the Nitrias of Pliny, near which the pirates cruised for the Roman ships.

A Dutch MS. chart affished me in drawing the coast between Melundy and Antigherrya, an extent of about 70 G. miles. This chart was procured by Sir Joseph Banks for Mr. Dalrymple: and the tract comprised within it, contains the ports of Dewgur, Tamanah, Rajapour, Rampa, Antigherrya, and also Gheriah, late the capital and principal port of Angria. This place was found by Capt. Huddart to be in lon. 73° 8′; and its latitude is 16° 37′. Between Antigherrya and Bombay, are the ports and islands of Zivagee, Dabul, Severndroog, Fort Victoria (or Bancoote) Sufferdam, Danda-Rajapour, Choule and Coolabba. At Victoria, the longitude was found to be 72° 54′: latitude 17° 59′. The latitudes alone of several of these places, helped me to settle their positions, as the coast is nearly meridional; but I hardly expect to be free from mistakes, in fixing such a number of places, within so confined a space, and with so few aids.

Bombay, the principal port and settlement of the English in this quarter, is situated in lat. 18° 58′, longitude by Mr. Howe's observation 17° 38.′ I have placed it in 17° 40′, or 2 minutes farther to the east, which was occasioned originally by a mistake, and which would have cost too much time to rectify, had I attempted it. Bombay is a small island, scarcely more than 7 miles in length, and very narrow, containing a very strong and capacious fortress, a large city, and a dock-yard, and marine arsenal. It was ceded to the English

English in 1662, by the Portuguese, as part of the dower of the Queen of Charles II. On the NE it is separated by a narrow strait, from Salsette, a fine island of about 15 miles square, and an acquisition from the Marattas in 1773. Bombay, Salsette, and the neighbouring shores of the Continent, form a large sound, in which are several other islands, particularly Caranjah and Elephanta, the latter famous for its subterraneous temple, and both of them acquisitions from the Marattas.

Salsette also has its subterraneous temples, cut out of the live rock: all of which appear to be the monuments of a superstition anterior to that of the Hindoos \*.

Bassen, a city and fortress of note, is situated on the point of the Continent opposite to the north end of Salsette. This place fell into the hands of the English, after a smart siege in 1780, but was restored to the Marattas, together with all the other conquests made on that side of India, at the peace of 1783, Salsette and the small islands excepted. Bassen is situated in lat. 19° 19′, and under the same meridian as Bombay, as appears by the maps of that island and Salsette.

From Bassen to Surat, the surveyor with General Goddard's army, drew a measured line (as I am informed) and the result gave 9,5 G. miles of easting, or 10' of longitude, for the difference between Bassen and Surat; by which the latter should be in lon. 72° 50'. The difference of latitude N from Bassen, was found to be 52', which added to 19° 19', gives 21° 11' for that of Surat. It is placed in 21° 10' 30".

It is a great misfortune to geography that no one observation of longitude should have been taken, on the west of Bombay: by which default, we are precluded from correcting an extent of 7 degrees of longitude, along a coast that winds in such a variety of

<sup>\*</sup> At Elora near Dowlatabad, more than 200 miles to the east of Salfette, are other temples of the same kind. For an account of these, see Thevenot: and for the former, Anque il du Perron.

directions, and whose geography is composed of materials of so miscellaneous a kind, that it can hardly be expected we should steer clear of error in the construction of it. The position of Surat is indeed checked by the measured line of General Goddard's march from Burhanpour; where Mr. Smith had an observation of the longitude. And we have also a measured line professedly taken with bearings on shore, as far as Amedabad. But compasses often differ; and the variation is as often neglected.

Mr. Smith's longitude of Burhanpour is 76° 22', (but I have taken it in my map at 76° 19', the reason of which I shall shew in its proper place) and it is taken notice of now, only with a view to shew how far Surat, as it is placed here, agrees with the observation made on the east of it.

By the survey of Goddard's march from Burhanpour to Surat the disserence of longitude between the two places appears to be 3° 30′ 45″, which taken from 76′ 22′, leaves 72° 51′ 15″ for the longitude of Surat. I have before observed, that its longitude deduced from Bombay is 72° 50′: but having taken Burhanpour at 76° 19′, Surat will be in 72° 48′ 15″, and that is the longitude I have adopted for it; altering at the same time Goddard's difference of longitude from Bassen, to 8′ 15″, instead of 10′. And as Mr. Howe's longitude of Bombay was altered from 72° 38′ to 72° 40′, it appears that Surat stands as it would do by Mr. Howe's original observation, and with Goddard's original difference, of longitude.

The materials under different authorities, for the form of the coast between states and Sorut sio by no means accord together; nor have I the means of determining which to prefer. From Basseen to Arnaul, a fortified island, commanding the entrance of the Angassyah, or Mandavee river, I take from General Goddard's march, the only authority I can find. From Arnaul to Nonsary, or Nossary, a few miles short of Surat river, there is a chart by Lieut. Ringrose; and also a chart from St. John's Point, to Surat river by Lieut. Skynner: by which means, we have about 50 miles.

of.

of the space contained in Skynner's chart, included also in Ringrose's; and an opportunity is given of comparing their bearings and distances, as well as Goddard's, which includes nearly the same space. Here, to our utter astonishment, we find two charts, professedly taken by authority, differ 11 degrees in bearing in an extent of 60 miles! for so much more eastwardly from the north, does Mr. Skynner make the bearing of Surat from Omergong, than Goddard's map does. As to the comparison between Ringrose and Skynner's charts, from St. John's Point to Nossary, Ringrose makes the bearing N 2° W, and Skynner N 10° E. Goddard's route coming close to the sea in the neighbourhood of St. John's, shews, if we may rely on his map, that the truth lay between Ringrose and Skynner; but that Ringrose came the nearest to it.

Having taken Goddard's line for the general bearing, I have adapted the other charts to it, in the best manner I could; preserving all their particulars, in which they do not differ so much as in generals. Such excellent surveying marks as Tarrapour and Valentine's Peaks, and Poneira Castle, &c. offer, might easily afford data for a series of triangles; and of course, for a general survey of this coast, in skilful hands: and take away from us the reproach of remaining ignorant of the true courses between two of our principal factories, Bombay and Surat. St. John's Point does not appear to project far from the general line of the coast, either by Goddard's or Ringrose's accounts, though described in that manner in all former charts. The shallowness of the water near it, has probably kept navigators at too great a distance to be informed of the truth. I apprehend that the hill called Segwah, in General Goddard's route, is what is called Valentine's Peak by navigators.

From Surat to Amedabad, through the city of Broach, there is a route of General Goddard's professed to be measured, and taken mathematically. We had previously maps or surveys of the country between Surat, and the river Myhie, extending inland to Brodera, Dubhoi, and sinuster on the Norbudda; but none of them went

#### [ 35 ]

beyond the Myhie. The following is the comparison between the bearings and distances of the different maps as far as they go.

From Surat to Brodera, by	Goddard	N	18°	55	E	69,95 G.miles.
described in the second section of the second secon	Turner	N	20	5	$\mathbf{E}$	68, 4
(Mangatananana harantamananananan harantamananan (Manasanananan) asi asi harantamananan	Himming	N	18	28	E	68,85
•		-				
$\mathbf{N}$	[edium	N	19	24	E	69,07

The differences here, are not great, considering how much, compasses and measures often differ among themselves. The medium of the 3 accounts differs so little, in any respect, from Goddard's, that we need not hesitate to adopt the rest of his line to Amedabad, which is something more than 50 miles to the north-westward of Brodera. The most remarkable difference in this quarter, is between Mr. Skynner's and others bearings and distances between Suret and Cambay.

Mr. Skynner's is - N 22° W 83,2 G. miles. Mr. Taylor's - N 9° 5′ W 67,7 Mr. Himming's - N 10 30 W 68,3

And it is remarkable that the deviation here, is from the north, towards the west; on the former occasion, it was from the south, towards the west. As Taylor's, Himming's, and Goddard's, agree so nearly between Surat and Brodera, one cannot help giving the preference to their lines; or at least to the stidium of both, between Surat and Cambay; which is placed in lat. 22° 16′ 45″, lon. 72° 32′ 45″.

Having altered the bearing of the east side of the gulf of Cambay, it became necessary, in order to preserve a proper width to the gulf, to give the west side a discrimination more oblique to the meridian, that appears in the original. At the same sine, as it appeared beginning that sinable that Groapnaught Point, should preserve the parallels.

tude

tude affigned it, in the original; the length of the western coast, must necessarily be augmented, which it is, by 3 miles. The width of the galf, in the original, from Swalley to Groapnaught, is 52½ G. miles. I have allowed it 4.8½ only

It may be observed however that both D'Anville and D'Apres give even a more oblique direction to this coast than I have done; at the same time, that they give nearly the same direction to the eastern coast, that Mr. Skynner does; and by this means, bring the head of the gulf, almost to a point. D'Anville places Cambay 33' of longitude west of Bombay, and D'Apres 25'. I have allowed only 7' 15". And Groapnaught Point, placed as above described, is in lon. 71° 42' 30"; which is 4' 30" more eastwardly, than it would have been, had Mr. Skynner been followed throughout. It is unpleasant to restect that one is left in a state of uncertainty on a matter of considerable importance; for such, the true bearing of the opposite coasts of a deep and dangerous gulf, must be regarded: and here we find a whole point in dispute.

From Groapnaught Point, to Diu Head, I have followed Mr. Skynner's original bearing and distance; which gives 1° 50′ 15″ difference of longitude west; placing the westmost part of the Point, in lon. 69° 52′ 15″. The latitude is 20° 43′.

From Diu Point to Cape Monze, beyond the mouth of the Indus, or Sinde river, the bearing and distance is taken from a medium of three charts furnished by Mr. Dalrymple, and appears to be N 41° 20′ W; and the distance, corrected by the latitudes of Point Diu, and Cape Monze, the latter taken at 25° 5′, gives 3° 58′ difference of longitude; placing Cape Monze in 65° 54′. M. D'Anville places this Cape near a degree more to the eastward; and makes the longitude between it and Bombay 4° 57′, instead of 6° 44′, as given in my map: and this makes a great alteration in the figure of the coast between Surat and the mouth of the Sinde, or Indus: the peninsula of Gazart being much larger than was formerly supposed,

the gulf of Sinde (or Cutch) much finaller; and the Delta of the Indus projecting into the sea, instead of receding from it.

The several charts of the western coast of the peninsula of Guzerat, and of the coast of Sinde, differ in a variety of particulars; and would make a minute discussion of them, too tedious, even for this Memoir; and besides, nothing appears in either of them, to claim a preference. In the general bearing above given, the three charts differed no more, among themselves, than 2° 15', in bearing; but the charts of the mouth of the Sinde and the gulph of Cutch, differed fo much that Mr. Dalrymple thought proper to publish them all separately, in order that every person might be enabled to judge for himself. On collating the names of the different mouths of the Sinde, one finds great contradictions; and it is very difficult to identify them in the feveral charts. The flatness and want of variety in the appearance of the coast, added to the fand-banks which keep navigators at a distance, and prevent their discriminating any minute objects that may occur, occasion these mistakes. The tombs alone appear to be the marks for the coast. The latitude of Ritchel I have taken at 24° 21'; and that of Caranchy or Crotchey, at 25°.

All the particulars of the western coast of Guzerat, and the mouth of the Sinde, are copied from the abovementioned MS. and printed charts of Mr. Dalrymple's: and consequently the whole coast from St. John's Point to Cape Monze, is described from new materials.

I now return to Balafore.

From Balafore, castward to Chittigong, the distance has been determined by the inland survey; and the figure of the coasts and inlets by Capt. Ritchie's sea survey. The difference of longitude between the towns of Balasore and Chittigong (or Islamabad) is 4° 33 sail and it is worthy of remark, that the distance by Capt. Ritchie's access survey abreed with the measurement on shore, to within two miles and a half.

The charts as late as the year 1752, represented the difference of longitude between these two places, to be only 3° 48'; that is, 1° 5' less than the truth. And this diminution of the longitude, while the difference of latitude continued right, gave the sea coast between the mouths of the Ganges, a direction of two points, or 22½ degrees more northwardly than the truth; which doubtless occasioned the loss of many ships, who trusted to the information.

From Islamabad, in longitude 91° 55', latitude 22° 20', the coasts of Aracan and Pegu take a SSE course to Cape Negrais, the extreme point of Pegu to the south-west; the latitude of which is under 16 degrees, and distance from Islamabad about 420 G. miles. The outline of this whole coast has been traced by Capt. Ritchie, under the same direction, and in the same manner, as the coasts on the west side of the bay. He made the difference of longitude 2° 32' east from Islamabad; placing Cape Negrais in 94° 27'\*. Mr. Dalrymple, who has taken uncommon pains to ascertain the bearing of this coast, from journals, and a variety of sketches and remarks, makes the difference of longitude 2° 34', or only 2' different from Mr. Ritchie. The result of this laborious enquiry, corrected by a nicely discriminating judgment, corroborates, in the strongest manner, Capt. Ritchies and observations.

I mean to have it understood that Capt. Ritchie's chart of this coast, is to be taken only as a general outline, being imperfect as a coasting chart. Many particulars on this coast are taken from Mr. Dalrymple's collection, both printed and MS.: particularly, the river the east side of Cheduba, and the passage between it and the passage between it and the passage between of places were also misconceived by Capt. Ritchie.

New Map increases the district her the change of the Sinde (or Indus) and Cape Negrais; a degrees and 7 minutes of longuiste.

Capt. Ritchie's latitude of Cape Negrais, or Pagoda Point, is more fouthwardly than it is commonly taken at, by 10 minutes; which I cannot account for, as his observations of latitude are generally exact. I have placed this Cape (by which I mean the south extremity of the coast of Ava) in 15° 57′, by the medium of 6 different accounts, varying from 15° 51′, to 16° 4′. Capt. Ritchie's was 15° 52′ 30″.

At this point, my materials for ascertaining the intermediate longitudes of places on the eastern side of the bay, sail me: and I have been under the necessity, in a great measure, of substituting judgment for sact, between Cape Negrais and the next place of observation, Mergui: which place, as it is given by M. D'Apres in his new Neptune Orientale, is in 98° 20' east longitude, or 3° 53' east from Cape Negrais. M. D'Anville allows 4 degrees; which comes within 7 minutes of mine; but although we agree nearly in the aggregate, we differ widely in point of particulars.

The MS. charts that I have consulted, make the difference of longitude in question, 4° 30' on a medium; which is 37' more than I make it. And M. D'Apres makes it 4° 19'.

The disagreement in particulars between M. D'Anville's account and mine, arises in the part between Cape Negrais, and the coast of Martaban. It happens that this coast lies in a direction so far from meridional, and at the same time the tides and currents of the several mouths of the Ava river, do so disturb and salisfy the ship's reckonings, that the true distance can never be ascertained that way, in the ordinary coarse of navigation. Plans of the Persaim and Syrian rivers, as high up as the cities of those names respectively, have been already published in Mr. Dalrymple's collection; and, fortunately, I have been able to obtain tracings of the continuations of those rivers (which are the two extreme branches of the Ava river. In the place where they separate that the main river, at about 150 G, miles from the sea. The bearings of the two branches intersect each other at an angle of about 60 degrees.

ሐ

fore, by the help of the latitude, may be used, in correcting the length of the coast between Negrais and Syrian. The Persaim, or Negrais branch, was traced by that accurate observer, Capt. George Baker, in his way to Ava in 1755. I have not been able to learn by whom the Syrian branch was traced; but by the orthography of the words in the map, the author appears to have been a Dutchman.

The result of these bearings, corrected by the latitude, as set forth in the Syrian map, gives difference of longitude from Negrais Point, to the mouth of the Syrian river, 2° 21' east, which is about 10' less than M. D'Apres makes it, and 21' less than M. D'Anville. Some of the MS. charts make the difference still more.

The mouths of the Ava river, which form an assemblage of low islands, like those of the Ganges, are described from several MS. charts of Mr. Dalrymple's, collated with M. D'Apres' new chart.

From the mouth of the Syrian river to the coast of Martaban, in latitude 15° I have copied from the new chart of M. D'Apres, published a very short time before his death. The figure of the coast is quite new.

Between the aforesaid latitude and Tavai Point, our charts are very imperfect; but generally agree in giving the coast a direction of south, a way lattle eastwardly.

From Tavai Point to Mergui, the coast is taken from a MS. chart compiled by the late Mr. Howe.

Mergui is placed, as I have said before, according to M. D'Apres' observation: that is, in longitude 98' 20'; latitude 12° 9'.

All the remainder of the coast, to Junkseilon; and the whole. Mergui Archipelago, is from M. D'Apres.

I NEXT proceed to the chain of islands that extend from Cape Negrais to Sumatra; and are known by the names of the Preparis, Cocos, Andaman, and Nicobar islands.

Capt. Ritchie, after leaving Negrais, proceeded agreeably to his instructions, to describe the situation and extent of the islands that compose this chain.

None of them are more than 84 G. miles distant from each other; so that he needed never to be more than 42 miles from land: and that but once during the voyage; that is to say, between the Little Andaman and the Nicobar islands. In other places, the distance between the lands is commonly much less: so that the meridional direction of the course, and other circumstances, render this line of much use in correcting the longitudes, not only of the islands themselves, but of Sumatra also; and, had it been continued as was intended, to Acheen, would have answered the purpose completely.

Passing the Preparis and Cocos islands, Capt. Ritchie proceeded to Narcondam, to six its position: then back again to Cocos; down the east side of the Great Andaman, (which he found to be almost a degree of latitude longer than was before supposed) then up the west side of it, almost to the latitude of 12: when sinding the attempt to circumnavigate the island, might prove fatal to the remainder of his work, he proceeded southward; describing the extent, sigure and positions of the Little Andaman and the Nicobars, till he came to the south point of the great (or southmost) Nicobar. Here the wind suddenly changed to the south, and prevented him from determining the respective positions of the southern Nicobar and Acheen: which is the more mortifying, as one day's fair wind would have enabled him to accomplish it:

The refult of this line of bearing is, that the fouth end of the Great Nicobar, is in longitude 94° 23′ 30″, that is, only 3′ 30″ from Cape Negrais.

The

The position of Acheen Head, or King's Point (the NW point of Sumatra) has hitherto been deduced from its bearing and distance from Malacca, the nearest place of observation; and its longitude according to this deduction, is 95° 30' according to M. D'Apres. Now the bearing of Acheen from Malacca, being in a direction of more than 60 degrees from the meridian, and the distance 450 G. miles; little reliance could be placed on the result of it, if it did not happen that the respective positions of the southern Nicobar, and of Pouloo Ronde (an island near Acheen) the one deduced from Negrais Point, and the other from Malacca, agreed nearly with their reputed bearing and distance from each other. For, of two MS. charts which I have examined, the one makes 1° 1', the other 1° 2' difference of longitude between them; and these being laid down apparently without any attempt to support a fystem, may be supposed to be agreeable to experiment. bearings and distances in these MS. charts are

In one S 56° E — 72 G. miles.

And in the other S 56 E - 75

And according to the deduced longitudes abovementioned, the bearing and distance is  $S_{56} \to T_{76}$ .

So that there cannot be any great error in the longitude of Acheen, as laid down in M. D'Apres', and in my map, if this fort of coincidence can be reckoned a proof of accuracy: a difference of a few miles, in the distance of 8 degrees, being much less than could be expected in such a series of deductions. M. D'Apres makes the bearing and distance between the south Nicobar and Pouloo Ronde S 57° 30 E 97 G. miles; or difference of longitude 1° 22′, that is, 22′ more than the MS. charts. It must be observed, that he reckons the south end of this Nicobar, 9 miles farther to the north than the truth; occasioned by his making the island so much too little in extent: for the north end is in its true latitude. Had the south point of the island been in its true latitude, the bearing of Pouloo Ronde would have been more eastwardly, and the distance

only 93, instead of 97: and if, on the contrary, he has enlarged his distance on the original bearing, to make it answer to the latitude, the original distance could have been only 85 miles.

I have said before that Capt. Ritchie went no higher up the west side of the Great Andaman, than about the latitude of 12°. The remainder of that coast, as well as the passage through the islands at the north end of it, is from a MS. chart lent me by Mr. Dalrymple; and which carries with it the greatest appearance of truth, on a comparison of the south and south-west parts of the Great Andaman in this chart, with the same parts in the chart of Capt. Ritchie.

Barren Island, and the rock on the east of Duncan's Passage, are from the remarks of Capt. Justice in 1771.

## ISLAND OF CEYLON.

IT happens that the ordinary tracks of British ships, to and from Ceylon, and the coast of Coromandel, are not calculated for determining the relative positions of Point Pedro and Point Calymere, the approximating points of Ceylon and the continent of India. Hence it is, that we are so ill informed, not only of their true situations with respect to each other, but also with respect to the parallel of latitude under which coast Pedro is situated.

By my observations, Point Calymere (the southern extreme of Coromandel) lies in 10° 20′ latitude, and by inference from Madras, in longitude 79° 54′ 30″. M. D'Apres places it 6 minutes more northwardly; and D'Anville 7 further south. The latitude of Point Pedro, is also variously represented by the above geographers: I have taken it at 9° 52′.

In

In M. D'Apres I find the bearing and distance from Point Calymere to Point Pedro, to be - S 37° E 41 G. miles.

In D'Anville - - S 39 E 38
In a MS. chart, no name - S 46° 30' E 40

I had an opportunity in 1764, of determining the position of Cow Island from Tondi, nery nearly: I made it 10 G. miles west of Point Calymere, and 3) east of Tondi. Between Cow Island and Point Pedro, Van Keulen reckons 41<sup>1</sup>, and D'Apres and D'Anville, 42 miles, of easting. This will place Point Pedro 31<sup>1</sup>/<sub>2</sub> east of Point Calymere; or in longitude 80° 27′, and in bearing from Point Calymere E 43° 20′ S; 42<sup>1</sup>/<sub>2</sub> G. miles distant. I have placed it in this situation accordingly; as thinking it not liable to any great objection.

The figure of the island of Ceylon is variously represented by different geographers. Van Keulen makes it too narrow, in the swelling part: that is, between Batacola and Columbo; as is pretty evident from the longitudes shewn by the time-keepers of some of the commanders of the East India ships, and others. D'Anville and D'Apres in their maps of the island, agree much better with these observations.

Between the meridians of Calitoor and the east side of Ceylon in lat. 7° 40'. Van Keulen reckons the difference of longitude

only - - 1° 46'
M. D'Anville - - 2 1
M. D'Apres - - 2 8
And by the time-keepers it is 2 12

However, until a regular feries of observations by time-keepers are made by the same person, all round the island, we must despair of seeing the true sigure of it, unless its coasts were surveyed. The casual observations which we are in possession of, from different hands, will only assist us in fixing certain points of it; which being done, the general sigure of the island must be collected in the best manner it can be done, from the charts existing.

The following are the observations of longitude taken on the south side of Ceylon.

The medium of these 3 accounts is	80	8 30	
	-	···	
West -	80	17 +	
Dundas -	80	7	
Point de Galle by Capt. Huddart -	809	1′ 30″	*

Dundrahead by Mr. Topping's observation (worked to Pondicherry in Ion. 80°) is in Ion. 80° 39′: I reckon Point de Galle 28′ west from Dundrahead, therefore it should be by this account in 80° 11′.

Mr. Topping observed the longitude of the Great Bassa also; so did Capt. Dundas: but as we are not well informed concerning the exact difference of meridians between them, and they being at least ro 22' distant, nothing in these observations will apply to Point de Galle.

There is certainly too much discordance between the three longitudes of Point de Galle given above; the medium of which is 80° 8′ 30″. As Anjenga and Cape Comorin were placed 3′ farther to the eastward, than Capt. Huddart's observation warranted, in order to accommodate the differences between the two calculations, Point de Galle should be reckoned in 80° 11′ 30″. Mr. Dalrymple's time-keeper gave the difference of longitude between Anjenga and Point de Galle 3° 20′ 30″.

If we consider the respective positions of Point Pedro and Point de Galle by the different geographers, we shall have the following result:

<sup>\*</sup> Deduced from Bombay, which is reckoned in 72° 40°.
† Capt. West reckoned from Sadras, which I place in 80° 24°. He reckoned it 80° 19° and of course, Point de Galle in 80° 22°.

Van Keulen	places Pe	oint de G	Falle west			
	of Point	. Pedro	-	13'	45"	
M. D'Apres	· -			10		
M. D'Anvil	le .	-	hia .	3		
	70 15 .15		d	0/	//	,
	Tyledi	um of the	e inree	8	55"	or 9'

And the longitude of Point Pedro being taken at 80° 27', Point de Galle by this rule will be in 80° 18'.

On an occasion like this, where we are not likely to come exactly at the truth, fince no one can pretend to fay, whether the longitude of Point de Galle be 80° 1' 30" or 80° 18'; I thought it better to ensure a certain good, at the hazard of a small mistake, than to facrifice that advantage, by adhering to a refult, which in itself was problematical. In other words, I judged it better to preserve the general form of the island, and consequently the respective positions of the north and fouth points of it, as given by D'Apres; and which appear to me to agree best with the result of the observations of longitude, taken on different fides of it; than to change those relative positions, which must have been done, had Capt. Huddart's observation at Point de Galle been adopted. I have therefore placed Point de Galle 10 west of Point Pedro (according to D'Apres); that is, in lon. 80° 17'. Had I adhered to the observations, in refpect of Cape Comorin, it would have been 80° 11' 30". The medium of all the observations and deductions, is about 80° 14' 30". The observations differ among themselves 14' 30". The latitude of this Point is 6 degrees; and of Dundrahead, the fouthmost point of the whole iffand 5° 51'.

The observations at Dundrahead, were, by Mr. Topping 80° 39', and by Capt. Huddart 80° 23'. The Great Bassas, by Mr. Topping 81° 41'; by Capt. Dundas 81° 30'. The variation in these longitudes, shew that a series of them by the same person, and the same time-keeper, is by much the most desireable.

The longitudes on the east side of Ceylon, by 3 different gentlemen; (viz.) Capt. Cumming, Capt. West, and Mr. Topping, do not disagree so much as those on the south side of the island. They are these:

In lat. 7°	40′	Mr. T	opping's	longi	tude was	82°	2′	By confirmation of the Burney Superior of the	
6	33	Capt.	West's	-	***	81	55	82	
. 6	53	Capt.	Cummin	g's	-	82		82	2
7	3 I	Ditto	-	-	-	82	r	82	1

Together with M. D'Apres' dimensions of the island, (in the southern parts, particularly) I have adopted his detail of the coast from Columbo to Vendelos Bay. From Vendelos Bay to Point Pedro, the coast in Van Keulen appears to be too nearly meridional, and his latitudes too much southwardly. Again, on the west side, from Columbo to Manar, I followed D'Apres' bearing, which is more north-castwardly than Van Keulen's. Indeed it could not be otherwise, than that both the east and west coasts must have a greater degree of obliquity from the meridian, than Van Keulen represents: because he allows too little breadth to the south part of the island. In short, the general form of the island is D'Apres: but the particulars are collated with Van Keulen's and D'Anville's maps.

The distance from Mentole Point, on Ceylon, to Point Ramen on the continent I take to be less by 11; Graniles, than Major Stevens supposed it to be in his chart, nor can it be otherwise, to reconcile it to my position of Cow Island.

The Maldive and Laccadive Islands are copied from M. D'Apres; fave that the position of the northmost Maldive Island (called by the French the blad of the Islands) is placed according to Mr. Topping's observations of latitude and longitude in 1785. He made the latitude of it 7°5, and the lon. 73°4; and when opposite to it is the north, he counted 32 islands; the furthest bearing SE

## SECTION II.

The surveyed Tract on the side of Bengal, or that occupied by the Course of the Ganges, and its principal Branches, as far west as the City of Agra.

Bahar, Allahabad, and Oude; a large portion of Agra and Delhi, and a small part of Orissa, is bounded on the east, by Assam, and the dominions of Ava; on the south-east, by the gulf, or bay of Bengal; on the south-west by an imaginary line drawn from the port of Balasore in Orissa, to the city of Narwah; on the west by another such line drawn from Narwah, through the city of Agra to Hurdwar, the place where the Ganges sirst enters the plains of Hindoostan; and on the north, by the first ridge of mountains towards Bootan. It is in length from the city of Agra, to the east-ern consines of Bengal, upwards of 900 British miles; and in breadth from 360 to 240.

With respect to the particulars of this survey, which was executed between the years 1763 and 1777, it is unnecessary to say more than that the distances were measured, and that they accorded with the observations of latitude and longitude: with the former minutely, and with the latter so nearly, that it was unnecessary to make any correction.

Agra, by Claud Boudier's observation, is in - 78° 29'
Calcutta, by the medium of four observations 88 28

Difference of longitude by observation - 9 59

By survey - - - 9 58

And Calpyon the river Jumnah, stands in the survey in lon. 80° 4'
And by the Revd. Mr. Smith's observations 80 0

Agra,

Agra, then, appears to be the most western point determined by the survey; and serves as a common point of union between the surveys on the east, and the routes surnished by various MS. maps, and itineraries, on the north, south, and west. By means of the survey also, a number of points are ascertained, which serve to set off cursory surveys of roads both to the west and south: such as Hurdwar and Ramgaut, on the north of Agra: and Gohud, Calpy, Chatterpour, Rewan, Burwa, and Balasore on the south.

As this tract contains the fite of the famous city of Palibothra (or Palimbothra) as well as those of Canoge (or Kinnoge) and Gour, it may not be amiss to take some notice of them: as also of some of lesser note, such as Punduah, Tanda, Satgong, (or Satagong) and Sonergong: all of which, (Palibothra excepted) are mentioned either in the Ayin Acharee. or in Ferishta.

Pliny is the only one among the ancients (as far as I know) that assigns a particular spot for the site of Palibothra; the rest only speaking generally of its fituation, and as it appears by a discussion of particulars, contradicting one another. All are agreed that it was fituated on the right bank of the Ganges (that is, intra Gangem) and at the confluence of a large river with it. This river was named Erranoboas according to Arrian (who had his intelligence from Megasthenes's journal) and was of the third degree of magnitude among the Indian rivers; and inferior to none but the Ganges and Indus. I cannot apply the name Erranoboas to any particular river. Pliny certainly fays that the Jomanes (Jummes) entered the Ganges by Patthenna Leaves Leaves and Leaves equally true, that in another place, he mentions the conflux of the Ganges and Jomanes, and in the very next article fays that Palibothm is fituated 425 miles below that very point of conflux. Strabo does not give the name of the adjunct river.

Palibothes, was the capital of the Prafii, by the account of Megasthenes, who resided there; and was of very great dimensions.

<sup>\*</sup> The different readings are Carylobora, and Cyrifoborca.

being 80 stadia in length and 15 broad. If we reckon these mensures to produce 10 miles in length, and near two in width \*,
which for a European city, compactly built, would be reckoned
enormous; yet it does not exceed the dimensions of some of the
capital cities of the Indian soubahs or vice-royalties. The ruins
of Gour in Bengal, are more extensive; that of ancient Delhi much
more so. The plans of the Indian cities contain a vast proportion
of gardens and reservoirs of water; and the houses of the common
people consist of one stoor only: of course, sewer people can be accommodated in the same compass of ground, as in an European
city; and this may account for the enormous dimensions of Asiatic
cities.

As Pliny's Indian itinerary (in Book VI.) enumerates the particulars of the whole distance between the Indus and the mouth of the Ganges; and particularizes the fite of Palibothra; it could hardly be doubted that some very large city stood in the position assigned to it: but I had always a doubt of its being the capital of the Prasii + visited by Megasthenes. Late enquiries made on the spot, have, however, brought out this very interesting discovery, that a very large city, which anciently stood on or very near the fite of Patnas was named Pacingos her (co Patalinary seconding to Sir William Jones) and that the river Some, whose confuence with the Ganges is now at Moneah, 22 miles above Parna, once joined it under the walls of Patelpoot-her. This name agrees so nearly with Palibothra, and the intelligence altogether furnishes such positive kind of proof; that my former conjectures respecting Canoge, must all fall to the ground; notwithstanding that Canoge was ouquestionably the capital of a large kingdom from very early times.

I confider the above information as too clear and positive to require any proofs from ancient authors; and therefore the following

The olympic flade can hardly be taken at a furlong, but probably at 200 yards. Then the distance of the Practicement to have included most of the tract through which the Ganges flows, after it causes the plains of Hindoostan.

examination of Pliny's itinerary, is intended rather to shew his great accuracy in geographical subjects, than as a proof of the above position; although it may serve that purpose also. To use the words of a celebrated author, "Pliny's natural history is one "of the greatest monuments of universal knowledge, and unwearied application, now extant in the world \*." That part of the itinerary, applicable to my purpose, is as follows:

From Taxila or Tapila, on the Indus (probably near the fite of Attock) † to the river Hydaspes (the modern Chelum) 120 Roman miles.

To the Hyphasis (Beyah) -				390 Roman	390 Roman miles.		
To the Heludrus	, probak	ly the	Setleg	e river	* 168 W	114	
To the Jomanes	(Jumna)				168		
To the Ganges	-	•	**	-	112		
To Rhodopa	- ,	-	***	-	119		
To Calinopera (s					. 1.67°		
To the conflux I	of the	oman	es (Ju	mna)=	¥.,		
and Ganges	-	-	-	-	225		
To Palibothra	_	-		-	425		
To the mouth of	the Gai	iges	-	-	638		

It must first be observed, of this itinerary, that it furnishes no means of comparing the whole distance between the Indus and the mouth of the Ganges, as shewn here, with that on the map; because the Hydriges, is obviously wrong, even if the text (which is very obscure) is to be taken at 390: for it cannot be more than 220 of Pling's miles, unless the surveyor of Alexander's marches threw

<sup>\*</sup> Black wall.

† Taxila or Tapile, and the Indus, are mentioned as one and the same place by Pliny e.

Ad flumes Indus a opposition Taxila. Book VI.

† Here we may remark, by the way, that if any capital city had stood at the opposition these rivers, it is likely that Pliny would have taken notice of it.

into the account, the circuitous route to the city of Sangala, &c. after the Catheri or Cathei. So that the account, as far as it regards the whole distance, is vitiated; and we must therefore have recourse to parts. Taking therefore for granted, that the Beyah river is meant by the Hyphasis (or rather Hypasis) as I hope to prove fatisfactorily in my observations on Alexander's march; and measuring on the map, along the line of the great road from the Panjab country to the mouth of the Ganges, the distance will be about 1140 G. miles: and as the itinerary in question gives the length of the same interval at 2022 Roman miles, the proportion of one of Pliny's miles to a geographic mile, will be as 56 to 100, in horizontal distance; or about \frac{7}{10} of a British mile in road distance. This is certainly too short for the Roman mile of 1000 paces \*; but the question in the present case, is not the actual distance, but the proportions of the intermediate parts of the road. The conflux of the Ganges and Jumna, on the map, is 990 of Pliny's miles from the Beyah, and 1032 above the mouth of the Ganges: and the itinerary makes the length of the first interval 959, the other 1063; that is, Pliny's account places the conflux too far down by 31 of his miles, or about 17 G. miles. Nor is this difference at all to be regarded in the general question: for our ideas of the diftance were much wider of the truth, 20 years ago.

Palibothra, he places 425 miles, or so many parts in 1063, of the distance from the conflux of the Jumna to the mouth of the Ganges: and this is the point we are to attend to. Patna indeed, is only 345 of Pliny's miles below the present conflux; and this difference of 80 of Pliny's, or about 44 G. miles, however considerable it may appear to those who expect nice coincidences in such matters as these; does not, in my idea, lessen the general authority of the itinerary: because if we admit only what is literally proved,

Pali-

<sup>•</sup> M. D'Arrile is of opinion that Pliny turned the Greek stades into miles, at the rate of 8 to a mile; and construction their shortness. M. D'Anville, who has gone deeply into the subject, thinks that the states to be subject. The subject is Ediantissemens, page 55.

Palibothra must still have been situated within 44 miles of Patna. And as the people there have a tradition that Patna stands on, or near, the fite of Patelpoot-her, it rather proves to me either that there is an error crept into the copies of the itinerary; which notwithstanding, proves in generals as much as is required; or that the point of conflux of the Jumna with the Ganges, has undergone a change. For although the point of conflux is not found in the very position in which it ought to be by the itinerary, yet Patna is nearer to the position assigned to Palibothra. It may appear to fome, a violent way of reconciling disagreements, but it is no new thing for the rivers of India to change their course and place of I have in another place \* taken occasion to observe confluence. that the Cosa river changed its place of confluence with the Ganges, which is now 45 miles higher up, than it was. The Burrampooter has varied its course still more. And to come nearer to the fite of Patna, the change in the conflux of the Soane, just now reliabled to Issued be unnecessary to enter so far into a discussion of these differences, had not Pliny affaired us that the distances were measured; and that by order of Seleucus Nicator.

We may observe that Arrian does not mention the name Jonanes in his book, although he does that of Sonus. And if we had no other authority than that passage in Pliny, which expressly says that the Jomanes, a river which passes by Methora (probably Matura) runs into the Ganges by Palibothra, we must have supposed that this city was seated at the conflux of the two rivers. But the itinerary says that Palibothra was a similes below this conflux. Pliny must therefore have meant another river, different from the Jomanes.

Ganges at 6000 fladia, and though we cannot fix the exact length of the flade, we can collect enough to undersaid that 6000 flades

<sup>\*</sup> Philosophical Transactions,

laid off from the mouth of the Ganges would not reach far, if at all, beyond Patna \*. Nor must we forget the passage of Arrian (in Indicis) in which Palibothra, the chief city of the Indians upon the Ganges, is said to lie towards the mouths of that river. But we ought not to omit, on the other hand, that Arrian quotes from Eratosthenes, the distance of Palibothra from the western extreme of India, which is said to be 10,000 stades, only: and that Ptolemy gives its latitude at 27°; both which particulars apply better to Canoge than to Patna. It is possible that both places may have been occasionally used as capitals of the Prasii, as we have known both Agra and Delhi to have been of Hindoostan in general, during the two last centuries.

Pliny's Palibothra, however, is clearly Patna: and it is probable that Strabo meant the same place, by the distance from the mouth of the Ganges.

Canoge +, the ruins of which are at present of great extent, was, in an early part of the christian æra, the capital of Hindoostan; or rather, of the principal kingdom along the Ganges. It is now reduced to the fize of a middling town. It is fituated on the right bank of the Ganges, near the place where the Calini river (or Callynuddi) joins it; and is possibly the place meant by Pliny for Calinipaxa. It is said to have been huilt more than a topo years before our æra: and is mentioned in Ferishta! as the capital of all Hindoostan, under the predecessor of Phoor, or Porus, who fought against Alexander. In point of extent and magnificence, Canoge answers perfectly to the description given of Palibothra; and in some respects to the local position of it given by Ptolemy and Eratosthenes, did not the above authorities assign it in a positive manner to Patral. The Indian histories are full of the accounts of its grandeur and populousness. In the fixth century it was said.

See A see and the proportion fixed on by M. D'Anville,

to contain 30,000 shops, in which betelnut was sold (which the Indians, almost universally, chew, as some Europeans do tobacco). In A. D. 1018, it was seized on, by the Gaznian Emperors: at which time, it gave its name to the kingdom, of which it was the capital.

Gour, called also Lucknouti, the ancient capital of Bengal, and supposed to be the Gangia regia of Ptolemy, stood on the left bank of the Ganges, about 25 miles below Rajemal\*. It was the capital of Bengal 730 years before Christ; and was repaired and beautished by Acbar; who gave it the name of Jennuteabad; which name, a part of the circar in which it was situated, still bears. According to Ferishta's account, the unwholesomeness of its air, occasioned it to be desired soon after \$5; and the seat of government was removed to Tanda, or Tanrah, a few miles higher up the river.

No part of the fite of ancient Gour is nearer to the present bank of the Ganges than four miles and a half; and some parts of it, which were originally washed by that river, are now 12 miles from it. However, a small stream that communicates with the Ganges, now runs by its west side, and is navigable during the rainy season. On the east side, and in some places within two miles, it has the Mahanada river; which is always navigable, and communicates also with the Ganges.

Taking the extent of the ruins of Gour at the most reasonable calculation, it is not less than 15 miles in length (extending along the old bank of the Ganges) and from 2 to 3 in breadth. Several villages and other covered with thick forests, the habitations of tygers and other beasts of prey; or become arable land, whose soil is chiefly composed of brick-dust. The principal ruins are a mosque lined with black marble, elaborately wrought; and two gates of the citadel, which are strikingly

Latitude 24° 53', longitude 88° 14'. † Dow 1st. 6. ‡ A. D. 1575. § This is Perishta's account; but some of its present inhabitants told me that it was deserted in consequence of a pestilence.

grand and lofty. These fabricks and some few others, appear to owe their duration to the nature of their materials, which are less marketable, and more difficult to separate, than those of the ordinary brick buildings; which have been, and continue to be, an article of merchandize; and are transported to Moorshedabad, Mauldah, and other places, for the purpose of building. These bricks are of the most solid texture of any I ever saw; and have preserved the sharpness of their edges, and smoothness of their furfaces, through a feries of ages. The fituation of Gour was highly convenient for the capital of Bengal and Bahar, as united under one government: being nearly centrical with respect to the populous parts of those provinces; and near the junction of the principal rivers that compose that extraordinary inland navigation, for which those provinces are famed: and moreover, secured by the Ganges and other rivers, on the only quarter from which Bengal has any cause for apprehension.

Tandah, or Tanrah, (called sometimes Chawaspour Tanda, from the original name of the district in which it was situated) was for a short time in the reign of Shere Shaw, in about 1540, the capital of Bengal, and became the established capital under Acbar in about 1580. It is situated very near to the site of Gour, on the road leading from it to Rajemal. There is little remaining of this place, save the rampart; nor do we know for certain when it was deserted. In 1659, it was the capital of Bengal, when that soubah was reduced under Aurungzebe: and Rajemal, Dacca, and Moorshedabad, appear to have successively become the capital, after Tanda.

Pandua, or Purruah, mentioned as a royal residence in Bengal, in the year 1,352 is about 7 miles to the north of Mauldah, and 10 from the meatal part of Gour. Many of its ruins yet remain; particularly the Addeenah mosque, and the pavement of a very long street, which lies in the line of the road leading from Mauldah to Dinagepour.

Satgong, or Satagong, now an inconfiderable village on a finall creek of the Hoogly river, about 4 miles to the north-west of Hoogly, was, in 1566, and probably later, a large trading city, in which the European traders had their factories in Bengal. At that time Satgong river was capable of bearing small vessels; and, I suspect, that its then course, after passing Satgong, was by way of Adaumpour, Omptah, and Tamlook; and that the river called the old Ganges, was a part of its course, and received that name, while the circumstance of the change was fresh in the memory of the people. The appearance of the country between Satgong and Tamlook, countenances such an opinion.

Sonergong, or Sunnergaum, was a large city, and the provincial capital of the eastern division of Bengal, before Dacca was built; but it is now dwindled to a village. It is fituated on one of the branches of the Burrampooter, about 13 miles south-east from Dacca; and was famous for a manufacture of fine cotton cloths.

In some ancient maps, and books of travels, we meet with a city named Bengalla; but no traces of such a place now exist. It is described as being near the eastern mouth of the Ganges: and I conceive that the site of it has been carried away by the river: as in my remembrance a vast tract of land has disappeared thereabouts. Bengallah, appears to have been in existence during the early part of the last century.

It does not fall within the compass of my design to describe all the principal cities of Hindoostan, which alone would require a large volume; but it may not be amiss to point out their general positions, and the relation in which they stand to the several provinces or states, in which they are situated. Most of the capital cities are already described as they were in the last century, in the books of travels of Thevenot, Bernier, Tavernier, P. de la Valle, &c. which are in every body's hands. Most of these cities, have, I believe, very considerably declined since that time; owing to the almost continual wars and revolutions, that have taken place, since

the

the death of Aurengzebe; and which were sufficient to desolate any country that did not produce almost spontaneously; and of course, where the desiciency of population is quickly replaced.

Within the tract discussed in the present section, the principal cities are, Calcutta, Moorshedabad, Patna, Dacca, Cossimbazar, Mauldah, and Hoogly, within the Bengal provinces: Benares, within the district of the same name, under the British sovereignty: and Lucknow, Fyzabad, Oude, Jionpour, Allahabad, Bereilly, and Corah, subject to the Nabob of Oude, our Ally: and Agra, late in the possession of Nudjuff Cawn. Generally speaking, the description of one Indian city, is a description of all; they being all built on one plan, with exceeding narrow, confined, and crooked streets; with an incredible number of reservoirs and ponds, and a great many gardens, interspersed. A few of the streets are paved with brick. The houses are variously built: some of brick, others with mud, and a still greater proportion with bamboos and mats: and these different kinds of fabricks standing intermixed with each other, form a motley appearance: those of the latter kinds are invariably of one story, and covered with thatch. Those of brick, feldom exceed two floors, and have flat, terraced roofs. The two former classes far outnumber the last, which are often so thinly scattered, that fires, which often happen, do not, sometimes, meet with the obstruction of a brick house through a whole street.

Calcutta, is in part, an exception to this rule of building; for there, the quarter inhabited by the English, is composed entirely of brick buildings, many of which have more the appearance of palaces than of private houses: but the remainder of the city, and by much the greatest part, is built as I have described the cities in general to be. Within these 20 or 25 years, Calcutta has been wonderfully improved both in appearance, and in the salubrity of its air: for the streets have been properly drained, and the ponds filled up; thereby removing a vast surface of stagnant water, the exhalations from which were particularly hurtful. Calcutta is well

known

known to be the emporium of Bengal, and the feat of the Governor General of India. It is a very extensive and populous city, being supposed at present to comain ar least 300,000 inhabitants. Its local fituation is not fortunate; for it has some extensive uniday lakes, and a vall forcit, close to it. It is remarkable, that the English have been more inattentive than other European nations, to the natural advantages of fituation, in their foreign fettlements. Calcutta is fituated on the western arm of the Ganges, at about 100 miles from the fea; and the river is navigable up to the town, for the largest ships that visit India. It is a modern city, having risen on the fite of the village of Govindpour, about 90 years ago. has a citadel, fuperior in every point, as it regards strength, and correctness of design, to any fortress in India: but on too extensive a scale to answer the useful purpose intended, that of holding a post in case of extremity; since the number of troops required for a proper garrison for it, could keep the field. It was begun immediately after the victory at Plassey, which insured to the British, an unlimited influence in Bengal: and the intention of Clive was to render it as permanent as possible, by securing a tenable post at all times. Clive, however, had no forefight of the vait expence attending it, which perhaps may have been equal to two millions sterling.

Hoogly is a finall, but ancient city on the same river as Calcutta, though on the opposite side; and about 26 miles above it. In the time of the Mohamedan government, it was the Bunder or Port of the western arm of the Ganges; where the customs or duties on merchandise, were collected. The French, Dutch, Danes, and Portuguese, have each of them a town and factory on this part of the river, and between Hoogly and Calcutta; and all within the extent of 10 msles, along the river. The French settlement of Chandernagore, and the Dutch one of Chinsura, are both very neat and pretty large towns; and each of them on a better site than Calcutta.

· Moor-

Moorshedabad, situated also on the western arm of the Ganges which is there very low in the dry season, is about 120 miles above Calcutta. It was the capital of the Bengal provinces until the establishment of the British power: and even long after, it was the seat of the Collector general of the revenues; being a more centrical situation than Calcutta. It is very large, but ill built; and in its plan so very irregular, that it is difficult to estimate the quantity of ground it stands on. It is a modern city, and does not contain any magnificent buildings, either public or private: nor was it ever fortisted except by an occasional rampart thrown up round it, on the Mahratta invasion in 1742\*. This city is now decaying, especially since the removal of the Board of Revenue to Calcutta, in 1771.

Cossimbazar is a small city, nearly adjacent to Moorshedabad, and was at all times the place of residence of the different European factors; this being the centre of their trade.

Mauldah is a pretty neat city, not far removed from the north bank of the Ganges, and on a river that communicates with it. It arose out of the ruins of Gour, which are in its neighbourhood. In point of general situation, it is about 70 miles to the north of Moorshedabad. This, as well as Cossimbazar, is a place of trade, and in particular produces much filk

Rajemal lies on the west bank of the Ganges nearly in the parallel of Mauldah, and about 20 miles from it; at the foot of the chain of hills which projects into the river, at Siclygully and Terriagully. It is in a ruinous state, although the residence of the Viceroy not 130 years ago; and has hardly the population of an ordinary market town, at present. Its situation is romantic, but not pleafant: for in Hindoostan, the hills and eminences being always covered with wood, that beautiful swelling of the ground, which is so justly admired in European landscapes, is lost; and the fancy is

presented at best with nothing beyond a wild scene: which can only be relished by being contrasted with soft and beautiful ones. M. D'Anville considered Rajemal as being seated at the head of the Delta of the Ganges: but it is more than 30 miles above it.

Dacca is fituated in the eastern quarter of Bengal, and beyond the principal stream of the Ganges, although a very capital branch of it runs under it. Few fituations are better calculated for an inland emporium of trade, than this; as the Dacca river communicates with all the other inland navigations; and that not by a circuitous, but by a direct communication: as may be feen by the plan of its environs, in the Bengal Atlas. It fucceeded Sonergong, as the provincial capital of this quarter; and is the third city of Bengal, in point of extent and population. It has a vast trade in muslins; and manufactures the most delicate ones, among those that are so much fought after in Europe: and the cotton is produced within the province. Dacca has in its turn been the capital of Bengal: and that within the present century. There are the remains of a very strong fortress in it; and within these few years there was near it, a cannon of extraordinary weight and dimensions \*: but it has since fallen into the river, together with the bank on which it rested.

Dacca is fituated about 100 miles above the mouth of the Ganges, and 180 by the road from Calcutta. The country round it lying low, and being always covered with verdure during the dry months,

The gun contained 234,413 cubic inches of wrought iron: and confequently weighed 64,814 pound avoirdupoize: or about the weight of eleven 32 pounders. Weight of an iron that for the gun 465 pounds.

<sup>\*</sup> As it may gratify the curiofity of fome of my readers, I have here inferted the dimensions and weight of this gun. I took the measures very carefully throughout, and calculated each part separately. It was made of hammered from; it being an immense tube formed of 14 bars, with rings of 2 or 3 inches wide driven over them, and hammered down into a smooth surface; so that its appearance was equal to that of the best executed piece of brass ordnance, although its proportions were faulty.

it is not subject to such violent heats as Moorshedabad, Patna, and other places.

Patna is the chief city of Bahar, and is a very extensive and populous city, built along the southern bank of the Ganges, about 400 miles from Calcutta, and 500 from the mouth of the river. Having been often the seat of war, it is fortissed in the Indian manner with a wall and a small citadel. It is a place of very considerable trade. Most of the saltpetre imported by the East India Company, is manufactured within the province of Bahar. It is a very ancient city; and probably its modern name may be derived from Pataliputra, or Patelpoot-her; which we have supposed above to be the ancient Palibothra.

Benares is the chief city of the district commonly known by that name (and which consists of the circars of Benares, Jionpour, Chunar, and Gazypour) but is more celebrated as the ancient seat of Braminical learning, than on any other account; although it be a fine city, and very rich and populous, and the most compactly built of any. It is built along the north bank of the Ganges, and is distant from Calcutta, by the road, about 460 miles. Its ancient name was Kasi: but there are no notices concerning it, in the works of the ancient geographers. I think, if it had existed during the time of the Syrian Ambassadors, Pliny would have noticed it, as he has done Methora (Matura) and Clisobara, which lay near the Jumna river.

Allahabad is feated at the point of confluence of the two great rivers Ganges and Jumna, and succeeded to Piyaug. Acbar founded the present city, which he intended as a place of arms, as its situation is very important both as it respects the navigation of the two rivers, and the country of the Doab, behind it. Allahabad is about 820 miles above the mouth of the Ganges, and 5,0 by land from Calcutta. It belongs to the Nabob of Oude, but its fortistications will hardly result the battering of a field piece.

Luck-

Lucknow is the present capital of Oude, having superseded the late capital Fyzabad, on the occasion of the Rohilla and other conquests; which lest it rather in a corner of the kingdom, as it is now constituted, and in that corner the farthest removed from the scene of business. It is a very ancient city, and moderately extensive: but after the short account given above of the nature of the ordinary buildings, a city may very suddenly be augmented on its becoming a royal residence: and Fyzabad of course may have declined. A small river, named the Goomty, runs under Lucknow, and communicates with the Ganges; but this last river is at least 43 miles to the SW of Lucknow. With respect to Calcutta, it is distant by the nearest road, 650 miles; and about 280 from Delhi. All is one vast plain from Lucknow to the mouth of the Ganges.

Fyzabad lies on the river Gogra, a very large river from Thibet, and is fituated about 80 miles to the castward of Lucknow, and 560 from Calcutta. It is a very large city, and nearly adjoining to it, is the very ancient city of Oude or Ajudiah. Fyzabad was the capital of the Nabob of Oude, till within these few years; but it was an inconvenient situation, even before the Rohilla conquest.

Jionpour is a small city on the Goomty river, about 40 miles to the NW of Benares, and in the road from that city to Fyzabad.

Corah, or Corah-Jehenabad is a small city in the Doab or country between the two rivers Ganges and Jumnah. Both this city and Jionpour, are within the Nabob of Oude's dominions.

Bereilly is the capital of Rohilcund, which was added to the dominions of Oude, in the year 1774. It is but a small city and situated about half way between Lucknow and Delhi.

The city of Agra\*, as I have said before, is situated at the western extremity of the tract under discussion; and on the south bank of the Jumna river, which is very seldom fordable. This

Latifide 27° 15', longitude 78° 29' by Claud Boudier: 78° 28' in the map.

city appears to have been during the late century, and in the beginning of the present, the most splendid of all the Indian cities; and at this time exhibits the most magnificent ruins. About the year 1566, the Emperor Acbar, liking its situation, made it his capital, and gave his name to it: since which, it is often named Acbarabad. It was then a small fortisted town; but it soon sprung up to an extensive well built city, regularly fortisted according to the Indian method, and with a fine citadel of red free-stone. Perhaps it has seldom happened, that a city of such great extent and magnificence has declined so rapidly. If Ptolemy, by Agara, meant Agra, it is certainly a place of great antiquity; but he has not placed Agara in the situation where we should look for Agra. Biana or Baniana seems to have immediately preceded it, as the capital of the province now called Agra, and which was originally included in the kingdom of Canoge.

## SECTION III.

The Tract occupied by the Course of the River Indus and its principal Branches: with the adjacent Countries on the South and East, as far as the Cities of Agra, and Agimere; and the River Puddar.

أروف المروان وفاتي

HIS part comprehends in general the foundahs or provinces of Lahore, Moultan, and Sindy; with the northern parts of Agimere, and the western parts of Agra and Delhi: and is about 700 B. miles in length from NE to SW; and from 550 to 350 in width. It is bounded on the east by Mount Sewalic, and by an imaginary line drawn from Hurdwar to Agra; on the south by the great road leading from Agra to Agimere, and by the river Puddar; on the west by the Arabian sea, and Persia; and on the north by Cabul and Cashmere.

Delhi, the nominal capital of Hindoostan at present, and the actual capital during the greatest part of the time since the Mohamedan conquest, has its position determined by observations of latitude and longitude; which observations accord both with the maps, and with the popular estimation of its distance, from the nearest points in the surveyed tract, mentioned in the last section.

We first hear of Delhi, as the capital of Hindooshan, about the year 1206. It is appoint to see the feature of the second of the

<sup>\*</sup> Fertilitz. The Ayin Actor to the state of Dellis, was Interest. K.

Debly. Although a more extensive and populous city than Agra, it was not so well built. Shah Jehan, grandson of Acbar and father of Aurengzebe, made this city his residence, and directed it to be called Shahjehanabad; and by this kind of vanity, it happens, that most of the Indian cities have a plurality of names: which occasions great consusion, when it becomes necessary to trace any event to a high period of antiquity.

Delhi, which is now fituated on the right, or western bank of the Jumna, anciently stood on the opposite bank. It is difficult to ascertain the true measure of extent of this city, which was said to contain, during the latter part of the last century, two millions of inhabitants. It is certain, that the account given by Bernier, who had good opportunities of being informed, and who deserves the greatest credit for veracity, does not justify so high a calculation of its inhabitants. His account was indeed written in 1663, only four years after the accession of Aurengzebe: and it is well known that under his reign, both the empire and capital were greatly augmented. Begnier, I fay, estimated the circumference of Dolhi, at three leagues only, reckoning, what was within the fortifications; besides which, he describes leveral suburbs, but altogether, no extraordinary extent for a sapital city in India. He detoribes Agra as being confiderably larger. After the plunders and maffacres that it has been unbject to, fince the decline and downfall of the Mogul empire, we may expect it to be reduced very low: and accordingly, it is spoken of by late travellers as a city of moderate extent; and even for an Indian city, very ill built.

longitude with season. Also map communicated by Mr. Hastings, and which includes forme principal roads in the Docab, between Furruckabad, Matura, Anopesheer, and Delhi; gives 51 G. miles of westing, from Anopesheer, the nearest point in the survey to Delhi; since the properties and this agrees perfectly west the observation of seasons are survey and this agrees perfectly west the observation of seasons are computed codes from Rangaut, another point

point in the survey; but this would place it 4 miles further to the east than the observation. It is placed according to the observation, and the distance from Anopesheer. Beyond Delhi, westwards, there are no points determined mathematically, by which the length and direction of the route can be ascertained; except the computed distances between places; and some latitudes and longitudes, taken with little precision, if we may judge by a comparison of some of the observations from the same catalogue, with those taken by Eupeans. For instance, the latitude of Jionpour and Burhanpour are from 21 to 25 miles too far north, in the Ayin Acbaree; Oude, 35 too far north; and Delhi, 22 too far south. We have therefore little reason to suppose that any of the others are much nearer the truth; por is there any rule to guess on which side the error lies. The longitudes are still more vague; as for instance:

	By theA. A.	By the Map.	Difference.
The difference of longitude be-	3° 28'	4° 48′	1° 20.
Delhi and Jionpour	4 28	5 13	0 45

Here the medium of the difference is 10 minutes too little, in each degree.

And again:

In these places, although the longitudes in the map are not determined with precision, we may still perceive that the Ayin Acbaree is not exact. From such kind of materials, nothing very accurate can be sayed and the fact that the accurate to them but in a very sew sales, where the period of information has failed.

The

The construction of the geography of the tract spoken of in this fection, turns chiefly on eight primary stations, or points; and which will be discussed in order: they are, Lahore, Sirhind, Moultan, Attock, Toulomba, Batnir, Jummoo, and Bullauspour.

The first point beyond Delhi that I have any kind of data for fixing the position of, is Lahore, a capital city in the Panjab \*, and formerly a royal refidence. I have several itineraries and memorandums of the road between the two places; but some are defective through omissions, and others too obscure to be understood or followed. Tavernier, for instance, omits a whole stage of 15 cosses, between Furridabad and Sultanpour; which added to his original number 191, make 206 cosses. John Steel in his itinerary (1614) reckons only 189: but though I cannot trace any omissions in it, the account is confused and obscure; and therefore I have given it up. A map of the Panjab, obligingly communicated by Colonel John Murray, Commissary General to the army in Bengal, gives the distance at 205 cosses, or 293 G. miles.

> Tavernier's account corrected 206 Thevenot's . Murray's

The medium of which is 2032; or, at 42 colles to a degree, 291 G. miles. I have allowed 290, and taken its latitude at 310; so that its longitude will be 72° 47', or 4°.53' west of Delhi. Ayin Acbaree makes the longitude 5° 16', or 23' more. Its latitude is variously represented: by the Ayin Acbaree 31° 50'; by Theyenot, the same; in an Indian table 31°; by a MS. itinerary + (dated 1002) go 30, and by Col. Murray's map 31"15.

Panjab, or the country of the five rivers, is a natural division of the country-contained be-

Tanjab, or the townry of the professors, is a natural division of the country contained of the country contained of the country contained of the country was oblighted to the first the country was oblighted to the country to have the country to th

Lahore is a very important point in this construction, as it regulates the positions of all the places between Delhi and the Indus; and therefore we have reason to regret that we have no better authority for fixing it.

Lahore is a place of high antiquity, and was the refidence of the first Mahomedan conquerors of Hindoostan, before they had established themselves in the central parts of the country. It owed its modern improvements, however, to Humaioon, the father of Acbar, who made it his residence during a part of his troublesome reign. Thevenot says that, including the suburbs, it was 3 leagues in length at that period: and, when he saw it, about the year 1665, the city itself was above a league in extent. Jehanguire, son of Acbar, allowed the Portuguese to build a church there; and some of its surniture remained at the time of Thevenot's visit.

The Rauvee (the ancient Hydraotes) on which it is fituated, is a noble river; and by its navigable course, has a communication with the Indus, and all its branches. The province, of which Lahore is the capital, is oftner named Panjab, than Lahore: however, Panjab being applied to a natural division of country, is applicable also, to part of Moultan. It is very extensive, and remarkably fertile; affording, in addition to all the necessaries of life, wine, sugars, and cotton wool; the last of which supplied the manufactories of the province. There are also in the tract between the Indust and Chelum, (or Behut) falt mines, wonderfully predictive, and affording fragments of rock felt, hard enough to be formed into velfels, &c. Gold (actording to the Ayin Actord) was found in the channels of its rivers; and the same is related of those of Kemaoon, which proceed from the fame ridge of mountains. Ice is brought from the northern mountains, to Lahore, and fold there all the year. The favous avenue of flady week for much spoken of, by the early making providence to the at Landson made extended to Agran near 500 English dates. Lattere is now the capital of the

a new power, whose name, even as a sect, was hardly known, until the rapid decline of the Mogul's empire, in the present century.

Sirhind is a city of great antiquity, and lies about midway between Delhi and Lahore. Tavernier reckons it 105 cosses from Delhi; and Steel, 99. I have placed it in its proportion of the whole distance between Delhi and Lahore, which is 103 cosses, or about 147 G. miles. Col. Murray's map gives 108 cosses. Not having the latitude of Sirhind, and the line on which its parallel depends being near 300 miles in length, much must be left to chance, as to its accuracy. It happens, however, that no obstacles present themselves between Delhi and Lahore, to give any considerable elbow or bend, to any part of the road (see page 6); which is therefore, generally speaking, very straight; and only making a small bend northwards, in the neighbourhood of the Jumna river. Sirhind stands in the map, in lat. 29° 55', lone 75° 15'.

I find by Condamine's travels in Italy, that the art of weaving filk was brought back to Constantinople in the fixteenth century, by the monks who returned from Sirhind (or Serinde according to him). For although the art was brought into western Europe, under the Roman Emperors, it had again been lost during the confusions that attended the subversion of the western empire.

It is worthy of remark, also, that Procopius takes notice that filk was brought from Serinda, a country in India, in the time of justinian (in the fixth century). The reader is apprized, that filk, together with the Latin name of it, is understood to have been brought from Seres or Serica (a country of upper Asia, bordering on the N W of the Chinese wall). This was Pliny's idea: how just, I know not. The Ayin Achares takes no notice of any manufactures of silk at Sirhind: it only calls it a famous city (in the fixteenth century).

Berwich McIhi and Sirhind are very extensive plains, within which are interest the towns of Panniput, and Carnawl, famous for great battles, both in ancient and modern times. The reason

of it, is obviously, the nature of the country, between it and Delhi; for it is a vast plain, situated at the mouth of a pass; for such the country immediately on the west of Delhi may be considered to be, shut up by the mountainous and close country of Mewat and Agimere on the one hand, and by the Jumna river on the other: and whether Delhi, Agra, or Canoge, was the capital, this was the road to it from Tartary and Persia, the original countries of the conquerors of Hindoostan. The course of the Jumna, above Delhi, is determined in the map by the direction of the road to Sirhind; Kungipara, near that river, being placed in reference to Carnawl; from whence the river bends (according to the MS. maps) towards the NE to Sehauranpour and Nen. Mr. Forster, who -croffed it in his way from Loldong to Jummoo, estimated the diftance between the Ganges and Jumna at about 40 cosses, in a northwesterly direction. The place of the source of the Jumna, we are ignorant of; but it would appear to be remote, even from the place where he croffed it within the mountains; for he found it a large river.

The upper part of the Doab\*, or tract of land between the Ganges and Jumna rivers, has its geography from several MS. maps; and a few of the positions are from Shereseddin's history of Tamerlane, translated by M. de la Croix.

Between Carnawl and Sirhind, are found in these MS. maps, three streams or rivers, crossing the great road. Two of them are the Caggar (or Kenker) and the Sursooty (or Sereswatty) and the third has no name in the hidps. The first is taken notice of in the Ayin Acbaree, as one of the lesser streams in the soubah of Delhi, and as passing on the west of Tannasar, a celebrated place of Hindoo worship. The second passes between Umballa and Sirhind; and the third between the two others. It is probable, from circum-lastest, there here we others, although deemed too insignificant

to merit notice. All these streams run to the south, or south-west; and probably mix either with the Indus, or Puddar: though I formerly supposed them to run to the SE into the Jumna. I had also, with M. D'Anville, supposed the Caggar to be the Hesudrus of Pliny, situated half way between the Hyphasis and Jomanes: but having now discovered the Beyah to be the river meant by the ancient Hyphasis, there can be no difficulty in pronouncing the Setlege or Suttuluz, to be the Hesudrus, as it answers in point of proportional distance.

I cannot find what river is meant by the Jidger, often mentioned by Ferishta, unless it be a branch of the Caggar; which river, as well as the Sursooty, has its source in the Sewalic mountains, between Delhi and Sirhind; taking its course by Semanah and Sunnam. The Sursooty, we learn by the MS. maps, after passing by Tannasar, Sursa or Sursutti, &c. joins the Caggar.

Near to Tannasar and the lake Koorkhet, places of Hindoo worship, is the site of the ancient city of Hustnapour, and of the war of the MAHABARUT (an episode of which has been lately translated from the original Sanscrit, by Mr. Wilkins) so that this ground, which is not far from Carnawl and Panniput, has been the scene of war in all ages; poetically, as well as historically. The countries between Delhi, and the Panjab, being scattill implied with many the Emperor Ferofe III. undertook the noble as well as useful talk of fupplying it better, and at the same time meant to apply the water so furnished to the purposes of navigation. Dow, (Vol. 1st. p. 327) translates Ferishta thus: "In the year 1355, Ferose "marched to Debalpour, where he made a canal 100 miles in " length, from the Samuluz to the Jidger. In the following year, " between the bills of Mendouls and Sirmon, he cut a channel from " the Jumna, which he divided into feven streams; one of which " he brought to Hassi, and from thence to Beraisen, where he built " a strong castle, calling it by his own name. He drew soon after, "a canal from the Caggar, passing by the walls of Sirsutti, and " joined

" joined it to the river of Kera; upon which he built a city, named " after him, Feroseabad. This city he watered with another canal "from the Jumna. These public works were of prodigious advantage " to the adjacent countries, by supplying them with water for their " lands, and with a commodious water-carriage from place to place." We learn also from the Ayin Acbarce, (Vol. II. p. 107 English translation) that Ferose founded the city of Hissar, (called also Hissar-Feroozeh) and dug a canal from the Jumna to it. And we find, moreover, that the canal from the Jumna at Kungiparah, to Delhi, was the work of Ferose: and is probably one of the seven channels mentioned by Ferishta. I apprehend then, that Histar, or Hiffar-Feroozeh, of the Ayin Acbarce, is the same with the Ferosabad of Ferishta. But possibly, Ferose might only embellish and increase the fortifications of Hissar, and then give his name to it; a practice very common in Hindoostan, to the utter confusion of historic records, and no less injustice to the original founders. The town of Surfutti, by the authority of the MS. maps and other circumstances, I place on the river of that name between Tannasur and Kythil (or Kuteil); and Hassi or Hansi, on the west or SW of Kythil. Hissar, or Feroscabad, will occupy a place still further to the SW; and in this position, will be about 75 cosses from Delhi, in a west, or west-northwardly direction; and about 100 miles from the Setlege or Suttuluz, at the nearest part of Debalpour, from whence the canal was faid to be drawn. The rivulet of Kerah. I cannot trace, any more than the Jidger: but I think it will appear as clear to the reader, as to myfelf, when the text, and the different positions in the map, are considered, that these different canals had for their immediate object, the junction of the Setlege and Jumna rivers; and remotely, that of the Indus and Ganges; although they do not allow us to comprehend the whole scope of Ferose's plan of inland navigation. By a flight inspection of the map, it will appear that this project would, if the ground admitted of being fuccessfully put into execution, be one of the greatest scheme.

L

" joined it to the river of Kera; upon which he built a city, named "after him, Ferofeabad. This city he watered with another cana " from the Jumna. These public works were of prodigious advantage " to the adjacent countries, by supplying them with water for their " lands, and with a commodious water-carriage from place to place." We learn also from the Ayin Acharce, (Vol. II. p. 107 English translation) that Ferose founded the city of Hissar, (called also Hissar Feroozeh) and dug a canal from the Jumna to it. And we find moreover, that the canal from the Jumna at Kungiparah, to Delhi, was the work of Ferose: and is probably one of the sever channels mentioned by Ferishta. I apprehend then, that Hissan or Hissar-Feroozeh, of the Ayin Acbaree, is the same with the Fe rosabad of Ferishta. But possibly, Ferose might only embellish and increase the fortifications of Hissar, and then give his name to it; a practice very common in Hindoostan, to the utter consusion of historic records, and no less injustice to the original founders The town of Surfutti, by the authority of the MS. maps and othe circumstances, I place on the river of that name between Tannasa and Kythil (or Kuteil); and Hassi or Hansi, on the west or SW o Kythil. Hissar, or Feroscabad, will occupy a place still further to the SW; and in this position, will be about 75 cosses from Delhi in a west, or west-northwardly direction; and about 100 mile from the Setlege or Suttuluz, at the nearest part of Debalpour, from whence the canal was faid to be drawn. The rivulet of Kerah, cannot trace, any more than the Jidger: but I think it will appea as clear to the reader, as to myfelf, when the text, and the differen positions in the map, are considered, that these different canals had for their immediate object, the junction of the Setlege and Junn: rivers; and remotely, that of the Indus and Ganges; although they do not allow us to comprehend the whole scope of Ferose's plan of inland navigation. By a flight inspection of the map, it will appear that this project would, if the ground admitted of being successfully put into execution, be one of the greatest inter-

L

takings of the kind that ever was projected; that of cutting through the isthmus of Suez, only excepted. We should then have seen two capital rivers, which traverse a large part of the continent of Asia; which enter the sea at 1500 B. miles as under; and which stretch out their arms as it were, to meet each other; united by art, so as to form an uninterrupted inland navigation from Cabul to Assam! I take it for granted that this canal was never completed, otherwise we should have heard more of it, as we have of the canals leading from the Jumna. The distance between the navigable parts of the Jumna and Setlege, is not 120 B. miles, direct.

Again, (in page 329 of Dow's 1st volume) it is said that Ferose turned the course of a large rivulet which fell into the Setlege, from Hirdar in the province of Sirhind, into the Selima, a smaller rivulet that ran southwards towards Sunnam (a place 14 G. miles S W of Semanah). Improvements of this kind, occur so seldom in the history of Hindoostan, where barbarous conquests and massacres, are the principal subject, that they are dwelt on with pleasure, whenever they appear: and we have only to regret on the present occasion, that the description of them is so obscure.

Semanah (or Sammanah) has its distance given from Panniput, at 52 cosses, in Sherefeddin; but its distance from Sirhind is inferred from the line of Tamerlane's march from Batnir to Panniput. I had placed it 43½ G. miles in a S by E ! E direction from Sirhind: and find it in Col. Murray's map nearly the same distance (44 miles) but on a S by W bearing. It is included in the circar of Sirhind: and the circar of Hissar, lies immediately to the south of it. On the west and S W of Hissar and Semanah, our knowledge, both geographical and political, is very much confined. Timur's (or Tamerlane's) route from Batnir, the course of the Caggar river, and the road from Agimere to Jesselmere, is all that we have towards filling up so large a void. The first is from Shereseddin; the others from Millating and Col. Popham's MS. maps.

The common boundaries of Agimere, Delhi, and Moultan, we have no means of ascertaining: nor is the Ayin Acharee particular enough on this subject, to lend any assistance towards it.

Mewat, or the hilly tract lying on the west of the Jumna, between the parallels of Agra and Delhi, as well as the northern and eastern parts of Agimere, which are mountainous also, have their geography much improved by the MS. maps communicated by Mr. Hastings, and Col. Popham. There is little to be said on the subject of the construction of these parts. Agimere, which is the primary point that determines the parallel and scale of the western parts, will be discussed in the next section, to which it properly belongs: the positions on the north and east of it; are taken chiefly from the MSS. just mentioned.

Jaepour or Jaynagur, the capital of one of the Rajpoot Princes in the eastern quarter of Agimere, has its longitude given by Claud Boudier, at 76° 9', or 2° 19' west from the city of Agra. All the MS. maps that I have consulted, place it very differently: and, I find, I cannot allow a greater difference than 1° 55', without rejecting the scales of all the MS. maps; which, as they are formed from the difference of latitude, would be absurd. Perhaps the numbers in Claud Boudier's table, are not right: M. D'Anville has them at 76° 5' in the Eclair is mens, which is still wider from probability.

It appears by M. D'Anville, that the Rajah of Jaepour (by name Jessing) had creeked two observatories, one in his newly built capital of Jaepour (which is about a league from Umbeer or Ambeer, the ancient capital) the other in one of the suburbs of Delhi. Father Claud Boudier, at the Rajah's request visited the former of these observatories about the year 1732: and I think it probable that we are indebted to the Rajah's assistance for some others of the observations made by Claud Boudier; particularly those at Agra and Delhi. The latitude of Jaepour is 26° 56'; and M. D'Anville

## [ 75 ]

The common boundaries of Agimere, Delhi, and Moultan, we have no means of ascertaining: nor is the Ayin Acbarce particular enough on this subject, to lend any assistance towards it.

Mewat, or the hilly tract lying on the west of the Jumna, between the parallels of Agra and Delhi, as well as the northern and eastern parts of Agimere, which are mountainous also, have their geography much improved by the MS. maps communicated by Mr. Hastings, and Col. Popham. There is little to be said on the subject of the construction of these parts. Agimere, which is the primary point that determines the parallel and scale of the western parts, will be discussed in the next section, to which it properly belongs: the positions on the north and east of it; are taken chiefly from the MSS. just mentioned.

Jaepour or Jaynagur, the capital of one of the Rajpoot Princes in the eastern quarter of Agimere, has its longitude given by Claud Boudier, at 76°, 9', or 2° 19' west from the city of Agra All the MS. maps that I have consulted, place it very differently and, I find, I cannot allow a greater difference than 1° 55', withou rejecting the scales of all the MS. maps; which, as they are formed from the difference of latitude, would be absurd. Perhaps the numbers in Claud Boudier's table, are not right: M. D'Anville had them at 76° 5' in the Eclair cissemens, which is still wider from probability.

It appears by M. D'Anville, that the Rajah of Jaepour (by nam Jeffing) had erected two observatories, one in his newly built capital of Jaepour (which is about a league from Umbeer or Ambee the ancient capital) the other in one of the suburbs of Delh Father Claud Boudier, at the Rajah's request visited the former of these observatories about the year 1732; and I think it probabe that we are indebted to the Rajah's affishance for some others of the observations made by Claud Boudier; particularly those at Ag and Delhi. The latitude of Jaepour is 26° 56'; and M. D'Anvil

in his Antiquité de L'Inde reckons it 50 leagues from Delhi, which accords well with my idea of the distance between them.

The MS. maps which I have fo repeatedly mentioned as being communicated by Mr. Hastings and Col. Popham, together with others formerly in the possession of Col. Muir, and since his death \*, obligingly communicated by my friend Mr. Bensley, of the East India Direction, are corrected in bearing and scale by the primary points of Agra, Delhi, and Agimere; but only a very trifling alteration was required. It may be observed, in respect of the new matter contained in these communications, that a great number of places appear, that were familiar to us, as well in the history of former times, as in the account of recent transactions; but which we could not, heretofore, refer even to any general fituation in a map. Still however, much is wanting, to render in any degree perfect, the geography of the tract in question, both as to mathematical exactness, and to relative description: in particular the latitudes and longitudes of Lahore, Sirhind, Attock, Moultan, Batnir, Agimere, Cashmere, Jummoo, Sehaurunpour, &c.; together with the intermediate roads and particulars of the face of the country, and the course of the river Indus. Until these are procured, we must be content to remain in ignorance concerning many curious particulars of Indian geography; and fatisfy ourfelves with having the fituations of places that are the most interesting, either from having been the subjects of history, or as being connected with the politics of the present times.

The next place in point of consequence to the construction of this part of the map, as it regulates many of the northern positions, is Attock, a city and fortress on the east bank of the Indus, and built by Acbar in the year 1581. We shall have occasion to speak on the subject of its historical importance, hereaster. The position

It is probable that the severe indisposition to which Col. Muir was constantly subject, from the moment of light that the time of his death, left him no leisure to recollect that such materials were in his collection. This excellent officer, and most worthy character, died in 1786.

of this place, geographically, can only be regulated by the apparent bearings from Lahore and Moultan, in a Persian map of the Panjab, together with the distances collected from the different accounts in the same map; in itineraries; and in the Ayin Acbaree. The latter gives for the breadth of the Panjab, from Ludhana to Attock, reckoning from river to river, on the line of the roads between them 185 coffes: and as two of these roads make a considerable angle with each other, I allow the distance on a straight line to be only 180 cosses; or 259 G. miles. Some accounts that I have seen of the number of cosses, are too much exaggerated, to be depended on, or noticed; and I rely on the Ayin Acharee, in preference to them. The MS. map communicated by Col. Murray, gives 181 coffes, or 260° G. miles, for the whole distance: but although it comes so very near to my calculation in the general account, it differs in the measure of each particular Doabah, or space, between two adjoining rivers. Attock is placed accordingly, 250 G. miles from Ludhana, on the bearing from Lahore, as nearly as it could be collected from the Persian map: and these data give its latitude at 32° 27'\*; lon. 70° 36'. Col. Murray's map places it in lat. 32° 25'.

Moultan, supposed, with great appearance of reason, to be the modern capital of the country, which was designed by the historians of Alexander, under the name of Malli, is 90 cosses from Lahore (south-westward) according to the Persian map; 120 according to Thevenot's account; and 110 in Col. Murray's map. The Ayin Acbaree takes no notice of the distance between them; but gives the latitude and longitude of both. The latitude is also given by Thevenot, and by the Missionary's itinerary; and when allowance is made for the latter, in the same proportion as it differed from the true latitude at Agra, the three observations differ among themselves 22 minutes. That is, the Ayin Acbaree gives 29° 52', Thevenot 29° 40°, and the itinerary 29° 32', which with the addi-

<sup>\*</sup> Ptolemy's latitude of Taxila, which I suppose to be nearly on the site of 32° 20'.

tion of 30' (see note, page 68) gives 30° 2'. I have placed it in 29° 52'; which, on the aforesaid distance of 90 cosses from Lahore, gives 70° 40' for its longitude; or 7° west from Delhi. The Ayin Acbaree makes it 7° 3': which agrees very nearly with the 90 cosses in the Persian map. This distance also accords with the bearings in the same map; where Moultan stands S a very little E from Attock, and about 60° to the westward of S from Lahore. And Col. Murray's map has nearly the same bearings. These three primary points of Lahore, Attock, and Moultan, vaguely as they may appear to be ascertained, are the foundation on which the scale, and relative parts of the whole Panjab country depend.

Thevenot describes Moultan as a city of small extent for the capital of a viceroyalty, but strongly fortified, and having a Hindoo pagoda of great celebrity. The Ayin Acbarec represents it, as one of the most ancient cities of Hindoostan. It has, or had, a great manufacture of cotton cloths; the province itself producing the cotton; as well as fugar, opium, galls, brimstone, &c. Thevenot describes the river that led to Moultan, as being partly choaked up, or spoiled, in its channel, in his time (about 1665) and this had greatly lessened its trade. He also takes notice of a particular soft of Hindoos there, called Catry; and fays, that this is their proper country. In another place, he explains the Catry tribe, to mean Rajpoots, or warriors; that is, the Kuttry tribe, properly. We shall take notice hereafter, that these Catries were the Catheri of Diodorus, and the Cathei of Arrian; with whom Alexander warred, on the borders of the Malli. Moultan belongs now to the Sells, though the poffession of it, as well as Lahore, has been often disputed by the Abdalli.

I have not extended the large map of India further to the north, than Attock and Jummoo, because it would have added considerably to the width of it, without furnishing any subject, particularly interesting to materials are no of a quality or quantity proper to correct the geography of that part, on an extended scale. I have therefore added a map on a smaller scale,

in which the tract between the Panjab, Bochara, &c. is described; and a separate account of it will be given in the course of the Memoir.

The river called by Europeans Indus, and by the natives generally Sinde \* (or Sindeh) is formed of about 10 principal streams which descend from the Persian and Tartarian mountains, on the north-east, and north-west. The Ayin Acbaree describes its source as being in Cashgur and Cashmere; by which it appears that the people of Hindoostan consider the north-east branch as the true Sinde +. From the city of Attock, in about lat. 32° 27' downwards to Moultan, or to the conflux of the Jenaub, or Chunaub, it is commonly named the river of Attock, which in the Hindoostan language, imports forbidden: probably from the circumstance of its being the original boundary of Hindoostan on the north-west; and which it was unlawful for the subjects of Hindoostan to pass over, without special permission 1. Below the city of Moultan, it is often named Soor, or Shoor, until it divides itself into a number of channels near Tatta; where the principal branch takes the name of Mehran. The river, however, when spoken of generally, is called Sinde, although particular parts of it are known by different names. The course of the Indus below Moultan, has its particulars from M. D'Anville; but the general direction of its course, is considerably more to the west, than he describes it. This is occasioned by my placing its embouchure so much farther west than usual, in respect of Bombay (see page 36) while the position of Moultan remains nearly as it formerly was. I observe that most of the old maps of India give the Indus much the same course as I have done.

† The ancients rockoned otherwife: the fame Pliny continues to fay, in jugo Caucasi montis,

<sup>\*</sup> The name Sinde was not unknown to the Romans: Indus incessis Sindus appellatus. Pliny,

qued major Panepanifus, appearant Solis or un errusus.

T. Superflition gave birth to this law, among the Hindoos: a precept nearly allied to that which forbids their eating any food dressed on board a boat or vessel. Ferisha calls the river on which Attock is built. Nilas; anglies, the blue river. There is so much consistion in the Indian histories, respecting the names of the branches of the Indus, that I cannot select the name Nilab to any particular river, unless it be another name for the Indus or superficient.

The Missionary's itinerary beforementioned, gives the names of many places, and some latitudes, on the Indus. It places the fortress and city of Bhakor, which the Ayin Acbaree says, is the ancient Mansurah (though D'Anville says the contrary) in latitude 27° 12′; Tatta in 24° 20′; and Bunder Lawry (called also Bunder Laheri) in 24° 10′. All these, I take to be from 20 to 30 minutes too far south.

Moultan is about the same distance from the sea, as Allahabad; that is, about 800 B. miles by the course of the river; and our author was 21 days in dropping down with the stream, in the months of October and November: when the strength of the land floods were abated.

The boundaries of the provinces of Moultan and Sindy on the west, extend a considerable way beyond the bank of the river; that is to fay, from 50 to 100 miles. The country is in general flat and open from Moultan to the fea; and the province of Tatta itself (the Patale or Patala of Alexander) is faid to resemble Bengal, not only in the flatness of its furface, richness of soil, and periodical inundations; but also in the food of its inhabitants, which is chiefly rice and fish. The fite of the ancient capital, Braminabad, is near Tatta; and, in the time of Acbar, some considerable ruins of it were remaining; particularly the fort, which is faid to have had an aftonishing number of bastions to it. Tatta is made synonymous to Daibul, in the Persian tables (which were obligingly lent me by Sir William Jones, and are those mentioned in his preface to Nadir Shah) where it is placed in 24° 10'. The itinerary fays 24° 20', and D'Anville 24° 40'. I have placed it according to its reputed distance from the mouth of the Sinde, which brings it to 24° 45 \*.

The country known by the name of Panjab, or that watered by the five eastern branches of the Indus, has been very little known to

Pliny reckons the sange Parale, or Delta of the Indus, at 220 Roman miles; in which he was very near the sange street 210.

us in modern times, either geographically, or politically. However, it deserves notice, if only on the score of ancient history; being the scene of Alexander's last campaign, and the ne plus ultra of his conquests. Here some new matter offers; having before me, a map of this country drawn by a native, and preserved in the archives of government in Hindoostan. The names were obligingly translated from the Persian, by the late Major Davy, at the request of Sir Robert Barker. The tract, of which this map serves as a ground work, is a square of about 250 B. miles; and includes the whole soubah of Lahore, and a great part of Moultan proper. The points of Lahore, Attock, and Sirhind (the fixing of which, I have before given an account of) determine the scale of the map; the intermediate distances from place to place in it, being given in writing, and not by a scale.

I consider this MS. as a valuable acquisition; for it not only conveys a distinct idea of the courses and names of the five rivers, which we never had before: but, with the aid of the Ayin Acbaree, sets us right as to the identity of the rivers crossed by Alexander, during his famous expedition into India; of which more will be said hereafter.

Besides the places found in this map, I have inserted others, from the authority of the Ayin Acbaree; several from implied situations in Ferishta; others from Shereseddin's history of Timur\*; (particularly his march from Toulomba to Adjodin and Batnir) and others from various MSS. in my possession. The division of the country, is entirely from the Ayin Acbaree.

The town of Adjodin, often mentioned by Ferishta, and Shere-feddin, is recognized in the MS. map, by the circumstance of its containing the tomb of Sheik Furrid, which was visited by Timur. In the map it is called *Paukputton*; but it perfectly answers to the

position of Adjodin, as described by the above authors; and is a point, on the fixing of which a great many others depend.

The next river to the east of the Sinde, or Attock, and the westmost of the five rivers, is, in modern language, called Behut, or Chelum; whose general course is nearly parallel to that of the Attock, but its bulk is less. This is the samous Hydaspes of Alexander, and said by the Ayin Aebarce to be anciently called Bedusta. It runs through Cashmere, and was supposed by M. D'Anville (though erroncously) to join the Sinde at Attock. Tavernier seems to have led M. D'Anville into this mistake; which has finally been the occasion of his misplacing, and of course misnaming, all the other sour rivers. The fact is, that the river which runs by Cabul, and bears the name of Attock, joins the Sinde on the west side, and in front of the city of Attock. We are obliged to Mr. George Forster for clearing up this mistake. He travelled that way in 1783.

The fecond river is the Jenaub, or Chunaub; and is the Acefines \* of Alexander. The third is the Rauvec, or Hydraotes + of
Alexander; on the fouth bank of which flands the city of Lahore.

These three rivers successively unite with each other at some distance above Moultan; and form a stream equal to the Indus itself,
at the place of confidence; which is about 20 miles on the west of
Moultan; and 50 below the mouth of the Rauvec. It is remarkable, that the Jenaub communicates its name to the confluent
streams in these times; as it did in Alexander's time, under the
name of Acesines. Its rapidity and bulk are particularly remarked
by the historians of Alexander and of Times. The first is
the Berait meiontly called the next in the confinence of Huphass of Alexander, being the next in the confinence or Surluj.

The Asia Constant of give the ancient name of the Jenaub, Ptolemy names it + Said by the Asia Constant of the Ayun Acharee, Iradai.

Mr. Boughton Rouse translation of the Ayun Acharee, Iradai.

This last river, about midway between its source and the Indus, receives the Beyah: after which, they do not mix their waters with the other rivers of the Panjab, but join the Indus in a separate stream, a great way to the fouth of Moultan; while the other three rivers pass in a collective stream on the north of Moultan, and close under it. Ptolemy names the last river of the Panjab (going eastward) the Zaradrus; Pliny, the Hesudrus. Arrian has the name of Saranges among his Panjab rivers; and fays that it joins the Hyphasis (or Beyah). The Ayin Acbarce says that its ancient name was Shetooder; from whence we may eafily trace Setluj, or Suttuluz. Before it is joined by the Beyah, it is a very confiderable river, and is navigable 200 miles. About 24 miles below the conflux, a separation again takes place \*, and four different streams are formed; the northmost, and most considerable of which, recovers the name of Beyah; and is a deep and rapid river. The others are named Herari, Dond, and Noorney: and near Moultan, they unite again, and bear the name of Setlege, until both the substance and name are lost in the Indus, about 80 miles, or three days failing +, by the course of the river, below the mouth of the Jenaub. It is owing to the separation that takes place, after the first confluence of the Beyah and Setlege, I apprehend, that so many names are given to the latter, by modern, as well as ancient authors: which names, applied by the natives, to their respective branches; have, by Europeans, or others, who were ignorant of the circumstances, been supposed to belong to one principal river only. The Persian map of Panjah, and Sherefeddin's history of Timur, take notice of only one branch, besides the Beyah (whence some would conclude there were only two principal ones) and this ferred river is named Dena: possibly the same meant in the Ayin Acharas, by the Dond.

\* Ayin Acharco.

+ Millionary's itinerary.



Although we have the dimensions the Panjab country, in a tolerably satisfactory manner, from N W to SE, both in the aggregate, and in particulars; yet we have not the means of determining its breadth from north to fouth; or rather, from Lahore to the Setlege. The first junction of the Beyah and Setlege, is stated by the Persian map, at 63 cosses below Ludhana; but we are left to guess the cross distance from Lahore, unless what is said in the fame map, be true, that it is only 18 coffes from Lahore to Kusfoor, and also that Kussoor is on the banks of the Setlege: but this is highly improbable from other circumstances; in particular, that the same Persian map allows a greater space between the Rauvee and Setlege, than between the Rauvee and Jenaub. Col. Murray's map places Kuffoor on the Beyah, and not within 25 coffes of the Setlege. The marches of Timur across the lower parts of the Panjab, afford but a faint light to guide us, such as day's marches; and those in an oblique direction.

The authorities on which I have founded the geography of the Panjab, after fixing the primary points already discussed, are the following:

The Persian map furnishes a general idea of the courses of the rivers, and these serve as a kind of ground-work, or first ideas. It also surnishes some positive distances, and the Ayin Acharee many others: and the march of Timur, and the Missionary's itinerary, furnish some proportional, or comparative ones. Toulomba, or Tulmabini, which is considered as a primary station or point, is a sortess on the south bank of the Rauvee, 35 cosses above, or to the ENE of Moultan; or 5 days out of the voyage from Lahore to Moultan; and the general direction of the river, is nearly straight, in the Persian map. By these helps we have a point settled, in respect of Lahore and Moultan; and from it, Timur's route may be traced across the Panjab, both ways:

that is, back, towards the Indus, the way he came; and onward, by the route of Batnir and Delhi. According to Sherefeddin's manner of writing, one could hardly be certain, whether Toulomba was on the fide of the Rauvee, or the Jenaub. Ferishta has placed it on the latter, erroneously; for the missionary came down the Rauvee, and passed by it; moreover giving its latitude at 15 north of Moultan: though it is probably 25'. Timur made one day's march, from the conflux of the Chelum and Jenaub to this place; and as he did not bring the army with him, but left them crossing the river, it may be inferred that the march was not a short one; and therefore I allow 14 cosses for it, in a SSE direction: that being the position of Toulomba from the conflux, by the above construction. A fortress, not named, stood on the west fide of the conflux; and just below it, Timur threw a bridge acrois. Before Timur arrived at this place, he had marched according to Sherefeddin, 5 or 6 days along the western bank of the Chelum, after he had taken the fortress of Sheabedin Mobarick, in an island of that river. This is all that we are told of the particulars of his march, from the Indus, to Toulomba. The Indus he croffed, (I take it for granted) at, or very near, the place where Attock now stands (for it was built, more than a century and half after, by Acbar) as he came by way of Nagaz and Banow. Sherefeddin relates that he crossed the Indus, at the place where Gelali or Gelaleddin (King of Charasm) did, when he fled from Gengis Cawn; and this I think may be ascertained to be the same place\*. The history of Gengis + gives no satisfaction on this head, but reprefents Gelali as chufing the most difficult part of the river for the

My opinion is (I think) firengthened by a memark in the Perfian map of Panjab. A mountain near the Indus, a very little below, and on the opposite fide to welook, is marked Mount Tulbileal (or Galeli) mill probably from its being the place from the Emperor. Gelali croffed the Indus, in his flight from Georgie Carra is 1221. When Timur had croffed to the east fide of the Attock, or Indus, he was faid to be arrived in the Dejert of Gelalic therefore I have no doubt but that they both croffed nearly at the same place. General from remained on the west fide of the rever.

rear of the field of battle, to preclude all hopes of flight, from his army: and this (if true, for Gelali himself swam across) by no means contradicts my opinion; because, in the neighbourhood of Attock, there must be many difficult places, Attock itself being on the only practicable part thereabouts.

But to return to Timur. After he had crossed the Indus over a bridge of boats \*, we learn that the chiefs of the mountain of Jehud or Joud came to make their submissions to him, as Ambifares, King of the same country, did to Alexander, about 1730 years before. The Jehud mountains, are those which extend from Attock, eastward to Bember; and are a part of the territory of the mountaineers, sometimes, designed under the name of Gickers, Gehkers, or Kakares.

Timur's first object after crossing the Indus, being to effect a junction with his grandson Peer Mahmud's army, which was then besieging Moultan, he directed his course that way, instead of taking the common road to Delhi, by Rotas and Lahore. The neighbourhood of a navigable river, being a defireable object to an army marching through a dry sterile country, he pushed for the nearest part of the Behut, or Chelum river (the Hydaspes of Alexander) where he attacked and took the fortress and island of Sheabadin. After this, he marched as has been faid before, along the Chelum, and croffed that river, and the Jenaub, below their conflux; and went from thence to Toulomba, which we have just left. This is a confiderable town, and a pass of consequence on the Rauvee river; and often occurs in Ferishta's history of Hindoostan. in the neighbourhood of this place, that Alexander made war on the Malli, or people of ancient Moultan; as will be taken notice of, in its place. Timur staid here 6 days, and then proceeded with the whole army across the Baree Doabah + to Shawnawaz (or

<sup>\*</sup> October 11, 1393. The chronology of this event is differently flated: Lizage followed M. de la Croix's translation.

<sup>†</sup> The term Doab or Doabah has been explained before. See the Index.

Shanavas) a large and populous town near the north bank of the Beyah, after its feparation from the Setlege. Here he found more grain than his army could confume; whence we may infer the fertility of the country, which is low and flat, and subject to periodical inundations like Bengal. Shereseddin describes at this place a deep lake, fortified round with a wall, and desended by 2000 men. (This reminds one strongly of something similar at Sangala, which Alexander attacked, before he reached the Hyphasis; only the hill, which was fortified round with carriages, is wanting). Shawnawaz is about 95 B. miles from Lahore; and Sangala was only 3 days march from the place where the Hydraotes, (Rauvee) was crossed, supposing it to be at the place where Lahore stands.

It was fomething more than a days march from Toulomba to Jengian, a town on the fouth bank of the Beyah, opposite to, and not far from Shawnawaz. As Timur's army was 3 days in passing this river, some in banks, and others by swimming, it may be reckoned a confiderable river. Its distance from Moultan is given at 40 cosses \*: and I have allowed 13 cosses for its distance from Toulomba, in a south-east direction, as their distances from Moultan, indicate.

At Jengian, Timur staid 4 days, and was joined by Peer Mahmud, who had by this time taken Moultan. Timur's next station is Jehaul, two days march from Jengian, on the road to Delhi: and here he separated from his grand army, which he directed to proceed by Debalpour, and to rendezvous at Semanah, a town 80 or 90 cosses on the west of Delhi; while he proceeded with 10,000 horse to Batnir or Battenize +, a strong fortress about 70 cosses from Jehaul, and far to the right of the Delhi road; being beyond the desert which stretches along the south fire of the Setlege. He was the strong protection

<sup>\*</sup> Sherefeddin. † The name of this place does not occur in the Ayin

to the people of Debalpour, who had massacred a garrison of Peer Mahmud's: and possibly the great reputation it had for strength, might be one inducement to undertake the siege of it; as Aornos, in like manner invited Alexander.

Timur, after leaving Jehaul, proceeded the first day to Adjodin, (of which we have spoken before) a town included in one of the large islands formed by the branches of the Setlege: and this being 3 days march from Jengian, I estimate the distance from it at 30 cosses, or 43 G. miles. As the Delhi and Batnir roads, separated at Jehaul, Adjodin may probably he SE from it: and the whole course from Jengian may be taken at ESE.

At Adjodin, Timur visited, and spent some time in devotion, at the tomb of Sheik Furrid (see page 81) and then set forward for Batnir; which is stated by Shereseddin at 60 cosses from Adjodin. This may be reckoned  $85\frac{1}{2}$  G. miles: and the distance from Batnir to Semanah, appears to be 8 days march, in which he was sometimes delayed by his military operations; yet having a light army, it may be supposed that he marched 85 cosses in the 8 days \*. And from Semanah to Panniput, the number of cosses are given at 52 + 1; so that the whole number 137, from Batnir, may be stated at  $193\frac{1}{2}$  G. miles: something being deducted for the desert nature of the country, in the Batnir province.

If therefore 60 cosses, or  $85\frac{1}{4}$  G. miles, be laid off from Adjodin to Batnir, and  $193\frac{1}{4}$  from Panniput; the intersection will place Batnir in lat.  $28^{\circ}$  39', lon.  $73^{\circ}$  20'; and it will bear about  $SSE\frac{1}{4}E$  from Adjodin.

On the fouth cast of Adjodin, a few cosses, Timur crossed the river Dena; which I take to be one of the four branches of the Setlege, (possibly the Dond) and perhaps the only principal one among them, except the Beyah, already noticed.

<sup>\*</sup> Two days marches are mentioned, one day 14 or 15 cosses; another 18 cosses. It is not easy to collect the distance from Sherefeddin's account of Timur's marches; but we find he was eight days on the march.

It must not be omitted that Timur crossed an extensive desert in his way to Batnir: I mention this particular to shew that Alexander was not misinformed, when he was told that there was a desert beyond the Hyphasis \*. After taking and destroying Batnir, which employed only a few days +, he marched on the 30th of November, taking nearly the straight road to Semanah; where he joined his grand army on the 8th of December 1398.

His march from Semanah to Delhi, about 88 cosses, appears to have taken up 12 days; whence we may collect, that the common marches of his grand army, were about 7 cosses each day; or about 14 or 15 British miles, by the road.

On his return, he made an excursion to the north-east into the Doab, took the city of Merat, or Mevat, (called Mirte by de la Croix) 30 coffes from Delhi, and advanced to the Ganges, near the place where it issues out of the Sirinagur mountains. Toglocpour, and the straits of Cupele, two places of victory on the eastern bank of the Ganges, cannot now be recognised: but from Sherefeddin's account of the march, they cannot be far from Loldong; where the British army completed their campaign in 1774, 1100 British miles from Calcutta 1.

From the banks of the Ganges, he proceeded to the north-west, along the foot of the Sewalic mountains, by Meliapour, Jallindar, and Jummoo, to the frontiers of Cashmere: and from Cashmere, across the mountainous and desert country of the Kakares § or Gehkers, to the Indus, which he croffed at the same place as before, and in the same manner; and returned to Samarcand by way of Banou, Nagaz, Kermudge, Cabul, Bacalan, and Termed.

f The Gickers of Dow.

Quintus Curtius.

body of these with him (and indeed the extraordinary length of one of his national feems or prove it).

At the time of the content of the people of the length of the feed that the prove it is the line of the length of the feed that the people of Historian and was it in the people of Historian and was it in the people of the cond have believed that the British conquests would meet those of Tamerland, in a point equidificant from the mouths of the Ganges and Indus, in 1774.

I have pursued Timur's marches, although beyond the limits of the present section; in order that the thread of it might not be broken. I now return to the Panjab.

The bearing and distance of Jummoo from Lahore, and that of Bullauspour from Ludhana; determine the breadth of the Panjab country, north-eastward. Jummoo is given in the Persian map at 50 cosses from Lahore, north-easterly; and this I have followed, as the best authority. Col. Murray's map gives 54 cosses, nearly north; but this bearing is disproved by Mr. Forster's observations: for Cashmere lies about N by W, 97 cosses from Jummoo, and is 135 cosses from the bank of the Indus\*, 20 miles above Attock; which the interval would not allow, if Cashmere lay to the west of the meridian of Lahore.

Bullauspour, a fort on the Setlege, within the mountains, I have only the authority of the Persian map, and some vague MSS. for: and it is placed in the map 70 G. miles NE from Ludhana. Col. Murray's map gives the distance at 79 miles, in the same direction. The Persian map fills up the space pretty amply, between the Lahore road and the mountains from whence we suppose the Panjab rivers to spring: and had Mr. Forster's journal from the Ganges to Jummoo, through the mountains, been left in England, this part might have been rendered more persect; for he entered the mountains at Loldong, crossed the Ganges and Jumna rivers within the hills, and then went by Bullauspour to Jummoo.

By the aid of the Persian map, and other MS. maps, (particularly the one furnished by Col. Murray) I have been enabled to give the man from Vicerabad to Yehungsul, through the Reschool Dabah, with many other positions in and about the Panjab. The road from Jummeo to Perotage, &c. is from Sherefeldin. Debalpour is known to be on the great road from Delhi to Moultan: and the division of the country of the Avin Acharee point out its situation,

to be far down the Setlege, in the Jallindar Doabah. The few particulars that occur on the west of the Indus are all from D'Anville, except the position of Pishour, which is placed according to Mr. Forster's observations.

Between the Indus, Agimere, Moultan, and the Puddar river, is an extensive desert, in which is situated the fort of Ammercot, or Omircout, the birth place of Acbar, and the retreat of Khodaiar \*. I think it improbable that ever we shall have any geographical knowledge of the inland parts, between the Puddar and Indus, more than the very vague information contained in the Indian histories. The river Puddar, from the length of its course, promises to be navigable; and, probably, it is more from the want of useful products on its banks, than from the shallowness of its channel, that it has continued so long unexplored by Europeans.

The geography of the Panjab country, as being, comparatively, of little confideration in a map of fuch extent, has been detailed much beyond its seeming importance. The reason is, that we are not likely, as far as I can judge, for a great length of time, if ever, to be possessed of any better materials than those I have exhibited; indifferent as they may be, in many instances: and therefore I confider it as the finishing stroke to the whole matter, for some time to come. And if any good materials do cast up, such as the latitudes and longitudes of some principal points, or some measured routes, I shall, I flatter myself, have prepared the ground for the erection of a fabric of a better construction. Upon a reconsideration of the question concerning the length of the Panjab from Ludhana to Attock, I think fomething might be added to the present dimenfions, perhaps 4 or 5 miles: but it is a matter of invall importance, where all the distances are estimated. The Panjab country being the frontier province towards Tartary, and the northern parts of Perila, from Public Live Legung the assessments of Hipdooftan in g the stranger of flindoultan in

every age, Alexander alone excepted; it follows, that their route to the interior parts of the country, must have led through it. Of all these conquerors, as far as I can learn, the routes of Alexander, Timur (or Tamerlane) and Nadir Shah, are the only ones that have their particulars on record \*. Timur's route I have already given; as it was interwoven fo closely with the geographical construction; and towards which it furnished a considerable proportion of materials. And Nadir Shah's route was the ordinary one, by Attock and Lahore; and, I apprehend, he returned the same way; so that it furnishes no matter for this work.

The particulars of the marches of the late Acmet Abdalla, (King of Candahar) during his frequent visits to Delhi, in the present age, have not come to my knowledge. Alexander's route then, is the only one that remains to be discussed; and although last in point of order, here; is confidered as the first as it respects history, and the gratification of popular curiofity.

I take it for granted, that Alexander croffed the Indus + at or near the place where the city of Attock now stands; because first, it appears to have been in all ages, the pass on the Indus, leading from the countries of Cabul and Candahar into India: and this is strongly indicated by the circumstance of Acbar's building the fortress of Attock, to command it. Mr. Freser, in his history of Nadir Shah, fays, "there is but one place where an army can "conveniently be transported, the stream being so rapid in most " parts. There is a castle commanding that passage, called the castle of Attock." Attock then, must stand on or near the site of the Taxila t of Alexander. And secondly, as soon as Alexander

Turmechirin Cawn, a descendant of Gengis, or Zingis Cawn, made an irruption into Hindooftan about the year 1246; but the particulars of his route are wanting. Sherefoldin mentions, in one place, that he croffed the Jenaub at Toulomba; and in another, that he befieged the city of Merat in the Dooab But Ferishta confines the exploits of this descendant of Zingis (for his same is not mentioned) to the Panjab country.

† About 327 years before Christ, according to Usher: and in the month of May.

† See the norts, page 11, Taxila must necessarily have been very near the Indos, to allow of its being 120 miles from the Hydaspes (or Chelum). See Pliny's Indian itinerary, Book VI.

Book VI.

had crossed over to the east side, Ambitares, King of the Indian mountaincers (the Gehkers or Kakares) fent amballadors with prefents to him. The Prince of the fame country made his submisfions to Tamerlane, and in the fame place, in 1398, (see page 86). From Taxila, as his intention appears to have been to penetrate by the shortest way to the Ganges, he would proceed by the ordinary road to that part of the bank of the Hydaspes (Behut or Chelum) where the fortreis of Rotas now stands; and here he put into execution his stratagem for crossing the river, while the opposite shore was possessed by Porus. After crossing the Acesines (Jenaub) and Hydraotes (Rauvee) which latter he may be supposed to cross near the place where Lahore now stands, he appears to be drawn out of the direct route towards the Ganges, to attack the city of Sangala, most probably lying between Lahore and Moultan; but we are left in uncertainty as to its position, by Alexander's historians, otherwise than by circumstances, and detached facts. The name Sangala, occurs only in Arrian: and is faid to have been a city of great strength and importance, in the country of the Cathei. Diodorus Siculus calls the same people Catheri, or Katheri; and these may very casily be recognized under the name of Catry, in Thevenot; that is to fay, the Kuttry tribe, or Rajpoots. Theyenot speaking of the people of Moultan, fays, "there is a tribe of Gentiles (i. c. Gentoos or "Hindoos) here, called Catry, or Rajpoots: and this is properly "their country, from whence they spread over all the Indies." Diodorus Siculus marks them by the custom of their women burning themselves alive, on the funeral piles of their husbands; which is indeed a custom among them, as well as some other Hindoo tribes, at this day. Now we find by Arrian, that the Cathei were confederated with the Malli and Oxydracæ; that is, the people of Moultan and Outch, and which lay to the fourth-well of the place where Alexinder in the toppoled to drois the Hydractes (or Rauvee) in his way into India. (That the Malli were the people of the present Moultan, we can have no doubt, it we will

6

to the voyage of Alexander down the Hydaspes, hereafter). I find no difficulty therefore, in determining the position of Sangala to be to the SW of Lahore. As to the distance, Alexander reached it the third day after croffing the Hydraotes; and we cannot allow leis than 48 road miles, for these 3 marches; or 36 G. miles in horizontal distance. Had Alexander's route been SE towards the Ganges, the above distance would have brought him within 6 miles of the Hyphasis (the modern Beyah) and Arrian says not a word about that river, until Alexander had returned to Sangala from the pursuit of the fugitives, and again set forward on his march. idea is given either in Arrian, Diodorus, or Quintus Curtius, of the distance between Sangala \* and the Hyphasis; but it may be collected by Arrian's manner of speaking, that they were not near each other. Diodorus places the kingdoms of Sophites and of Phigeus between the Catheri and the Hyphasis; whence we may infer a confiderable space between them. If I am right in my conjecture concerning the position of Sangala, the Hyphasis (Beyah) must be about 40 miles from it, eastward; and let Sangala be where it will, the river Beyah answers to the Hyphasis or Hypasis (called anciently by the natives, Beypasha) and Alexander's altars may probably have been erected between Aurungabad and the conflux of the Beyah and Setlege, at Firosepour; Pliny says on the further, or eastern side of the river. One cannot help regretting the extreme brevity of this part of Arrian's narration, with respect to the detail of Alexander's marches, between Sangala and the Hyphasis, and back again to the Hydaspes; which is dispatched too rapidly for a geographer to profit by. Diodorus and Curtius are not more explicit; nor indeed, if they had, are they to be much depended on, in this respect, for they have confounded the Hydaspes (Chelum) with the Acefines (Jenaub) in their account of Alexander's voyage. But, I think, whoever takes the trouble to compare Arrian's ac-

<sup>\*</sup> Although Diodorus and Curtius do not give the name Sangala, yet the city meant by Axirian, under that name, is pointedly described by them.

count, both of the land marches, and the voyage down the rivers, with the geography of the Panjab; will find the ancient Hydafpes, in the modern Chelum, the first river beyond the Indus; and successively, the Acesines in the Jenaub or Chunaub; the Hydraotes in the Rauvee; and the Hyphasis, in the Beyah: though I will not contend for the exact position of the altars, whether they might be above the conflux of the Beyah, or below it: only the ancient name Beypasha, appears more likely to have been the origin of the Greek Hyphasis, Hypasis or Huphasis; than Shetooder, which was the ancient name of the Scalege.

There is a flat contradiction between Arrian and Diodorus (and Curtius who follows the latter) regarding the quality of the country on the east of the Hyphasis; the former describing it as a flourishing and well inhabited country; the latter say there is an extensive desert between it and the Ganges. Arrian's account suits the upper part of the river, and Diodorus's, the lower part; for there is certainly a desert, as has been before observed, between the Panjab and Batnir.

We are left to suppose that Alexander, after the determination of his army to proceed no further, returned to the Hydaspes, by the route he came, bating the ground he lost in marching after the Catheri: and finding his cities of Nicre and Bucephalia completed; and a fleet, or part of one, built out of the timber procured from the neighbouring mountains, named by them *Emodus* and *Himaus* or *Imaus*, he proceeded down the Hydaspes with his fleet, while the greater part of the army marched by land.

Here it may be proper to observe, that Arrian does not say from whence the timber came, but leaves us to suppose that it came from the forests nearest to the river, and enough is known of the nature of the same say it is to be said the same say that the same say that the foot of the same say it is not very near to the river Hydaspes. The mountains Emodus and Imaus indeed, were at a very great distance, and could be only in fight to the N R same they are a

continuation of the great ridge called *Hindo-Ko*, or the Indian Caucasus; and which are near the head of the Indus, and run through the heart of Thibet. I suspect Emodus and Imaus to be different readings of the same name; and Imaus or Himaus, we have every reasonable proof of being derived from the Sanscrit word *Himmaleh*, signifying snowy. That vast ridge bears the same name at present; and Pliny knew the circumstance well \*.

To return to Alexander. He failed from his first place of embarkation in the Hydaspes, about the middle of November N.S. 327 years before Christ, (according to Usher) having of course, been in the field the whole rainy feafon; for he croffed the Indus in May. In five days, the fleet arrived at the conflux of the Hydaspes and Acesines (Chelum and Jenaub) the identity of which, is most pointedly marked, by the nature of the banks: for these large rivers, pent up within strait rocky beds, form a rapid and troubled stream at their confluence; and this appearance dismayed the whole fleet, and proved fatal to some of the large ships. A similar description of this confluence is given in Sherefeddin's life of Timur, who croffed a little below it in 1398 nearly at the same season, over a bridge of boats. At this place, Philip, who had led a division of the army along the banks of the Acelines, (whose course is not far from that of the Hydaspes, and gradually approaches it, until they meet) here joined the grand army, and was ferried over the Acesines. We may observe from this, and from Craterus and Hephestion being detached with the other two divisions along the opposite banks of the Hydaspes, that Alexander might be said almost to fweep the whole country. He now approached the confines of the Malli, and set out on his first expedition with a detachment, against the people of the country, to prevent their giving affiftance to that nation; but the particulars of his march are not recorded. returned again to the fleet and army at the conflux of the Hydaspes;

Imäns, incolarum lingua nivolum signisseante. Pliny Book VI.

and from thence dispatched the fleet to the next place of rendezvous, at the conflux of the Hydraotes (Rauvee) with the Acesines (Jenaub); for fo the confluent streams of the Hydaspes and Acesines were named, the Acesines being the largest; and as the Hydaspes is faid to be 20 stades in width the whole way, the other must have been an immense river. The army was divided into four divisions, three of which marched at a considerable distance from each other, along or near the course of the river; the fourth, Alexander took the command of himself, and marched inland from the river, to attack the Malli on that fide; in order to drive the fugitives towards the forks of the rivers, where they might be intercepted by some of the other divisions. The line of direction of his march must have been fouth or fouth-eastward. On the second morning he took a strong city, and Perdiccas, another; and after a second long night march, arrived at the Hydraotes (Rauvee): perhaps, we may allow for the day, and two night marches, 40 road miles; or 30 G. miles of horizontal distance \*. He fell in with the river at some confiderable distance above the conflux (the appointed rendezvous for the fleet) as appears by what followed: and after croffing it, took two other towns +, and then proceeded to the capital city of the Malli; after dispatching Pithon back to the river side, to intercept the fugitives. This capital of the Malli, must not be mistaken for the modern Moultan; which is at least 40 miles by land, below the conflux of the Hydraotes; or two days voyage for a boat going with the stream ‡: but the ancient capital in question, was above the conflux, and near the Hydraotes (Rauvee) by the garrison's leaving it, and retiring to the opposite (north) side of the river. Alexander recrosses the river, after them, but finding

† Itinerary 1662...

The Ayla Ackaree reckons 27 colles, or 33 B. miles, between the two confluences of the Hydrogenesis of the Hydrogenesis of the Lands of the Channel of their was a nowe of Blackman Bittoins. Some of them barrit themselves, together with their boules; and sew same alive into the enemies hands. This mode of confact, has been practised in our own times. See Orine's Indostan, Vol. II. p. 255.

"them too strong to be attacked with the party he brought with him, and waiting for a reinforcement, the enemy had time to retire into another fortified city, not for off. This nameless city, is the place where Alexander was wounded, and in fuch imminent danger; and not in the capital of the Malli, nor among the Oxydracæ (Outch) which is on the opposite side of the Acesines (Jenaub) and near its confluence with the Indus. Indeed Arrian is particular in pointing out this error [of Diodorus]. As to the distance of this city above the conflux, we may collect that it could not be very far, both by reason of the quick communication between Alexander, and the camp and fleet; and by the ground he had marched over, after leaving the first consux. I am inclined to place it about 10 G. miles above the conflux (of the Jenaub and Rauvee) and a few miles from the north bank of the latter; and the capital of the Malli on the opposite side, and not far from the river bank; fo that they will be somewhat below the present town of Toulomba, a famous pass on the Rauvee, between Lahore and Moultan.

When Alexander was sufficiently recovered from the effects of his wound, he was embarked on the *Hydraotes*, and carried down the stream, to his fleet, which appears to have been brought into the Hydraotes; for we learn that he passed the conflux after he joined the fleet \*.

We learn also, from the same author, that the Acesines preserves its name until it is lost in the Indus, although it receives the Hydraspes and Hydrastes: the historian of Timur, in like manner, gives the name of Jenaub to the confluent waters of the Chelum and Jenaub: this alone, however, does not prove that it was the largest river; for we have many examples, in modern geography, at least, where the adjunct river, though the smallest, gives its name to the confluent waters. It is worthy of remark, that Arrian, as it appears, not knowing what became of the Hyphasis (Beyah)

does not say that Alexander saw the mouth of it, as he did those of the Acesines and Hydraotes; but only informs us that it fell into the Acesines. And indeed, the truth is, that these rivers under the modern names of Beyali and Setlege, do not join the Jenaub; but after uniting their streams, fall into the Indus, a great way farther down. It is certain that the courses of rivers, even of the largest, do alter so much, in time, that what Arrian says, might have been the case; but there is no necessity for supposing it.

Arrian, as well as Sherefeddin, informs us that the lower part of the Panjab towards Moultan, is flat and marthy, and inundated [like Bengal] by the periodical rains, which fall between the months of May and October. As a proof of it, Alexander was once obliged to break up his camp, on the Acefines (Jenaub) and retire to the higher grounds.

From the conflux of the Acesines with the Indus, we accompany Alexander successively to the territories of the Sogdi, Musicani, Oxycani, Sindomanni, and Patalans. The Oxydracæ, who successive submitted by their ambassadors, were left unmolested. Black answers nearest to the position and description of the country of the Musicani, which was next to the Sogdi, and the most powerful on that part of the Indus: and the Oxycani, the next in order, to Hajycan; a circar, or division of Sindy. In Sindomanni, we may recognise the country of Sindy; or that thro' which the river Sinde slows, in the lower part of its course: and Pattala, has ever been referred to the Delta of the Indus. But so vast a change of names, or rather so vast a change in the manner of writing them \*, forbids the building of any hypotheses, on the similarity of ancient and

A comparison of the modern names with the ancient, in many parts of Asia, leads me to conclude, that had there been suitable written by the Greeks, much less difference would be found between them, man we now experience; and I im astroned to think that the names of the rivers, in particular, are scarcely changes ince the time of the Greeks. Vanity has no share in new naming of rivers.

modern names of places; except in cases, where the locality is

equally evident.

Having now conducted Alexander across the Panjab, and down the Indus, to the head of its delta, it may not be amiss to observe, that the state of the country through which he passed, was very different from what we should have conceived, who have been in the habit of confidering Hindooftan, as being governed by one monarch; or even as divided into several large kingdoms. Panjab country, in an extent less than is comprised within one of the foubahs, or grand divisions of the Mogul Empire, we find no less than seven nations; and along the lower parts of the Indus, many Even in the Panjab, where Alexander warred a whole campaign and part of another, there was nothing of that kind of concert appeared, which must have taken place between the governors of provinces, had they been under one head: but in general, each acting separately, for himself. The Malli, Catheri, and Oxydracæ, we are told, leagued together for their mutual defence; and this proves that they were separate governments. It is curious, that the same cause that facilitated Alexander's conquests in India, should also have given them the degree of celebrity that has ever accompanied them; that is to fay, their subdivision into a number of small states: and ordinary readers, either not regarding, or not comprehending their extent and confequence, have confidered them as kingdoms. The conquest of the Panjab and Sindy, would, with fuch an army \*, be no very great matter in our times, although united: and yet this conquest is considered as a brilliant part of Alexander's history; the truth is, the romantic traveller is blended with the adventurous foldier; and the feelings of the reader, are oftner applied to, than his judgment.

But although the western part of Hindoostan was in this state, there existed beyond, or rather towards the Ganges, a powerful

Alexander had 120,000 men, and 200 elephants. Arrian.

kingdom, as appears by the state Megasthenes found it in, when he refided in quality of ambassador from Seleucus Nicator, not many years after, at Palibothra, the capital of the Prasii \*. The Prasians probably owed to the discontents that prevailed in Alexander's army, their escape from a foreign conquest, at that period.

Alexander arrived at Pattala about the middle of August (Before Christ 326 years) and after he had made proper arrangements for the fafety and conveniency of his fleet and army; and had viewed also the two principal mouths of the Indus, in which he experienced some degree of surprise, if not of terror, from the bore, or fudden influx of the tide +; he departed by land for Sufa, leaving Nearchus with the fleet to follow, as foon as the etefian winds I should cease. He had been more than 9 months in sailing down the Hydaspes, and Indus. He crossed the Hydaspes about the fummer folftice in the preceding year, and of course had been in the field, or in some kind of warfare, during two rainy seasons: we are told however, by the author of the Ayin Acbaree, that but little rain falls in the lower parts of Moultan; that is, the part bordering on the Indus. Nearchus failed about the middle October § with the NE monfoon; conducting, according to Dr. Gillies, in his elegant history of Greece, "the first European fleet which navigated the Indian feas." By the journal of this voyage, published by Arrian, it appears that the fleet sailed out of the western branch, by the distance between the mouth of the Indus and the river Arabius, which was only 1000 stadia; for Arrian gives the breadth of the Delta at 1800 stadia, along the sea coast ||. Arrian takes notice that when Nearchus stood out to sea, on the coast of India, he found either no shadow at noon; or else the shadow,

See the Introduction.

† The Riceian winds blew from the NE in the Michigan seem in the mounts of fully and August; and the activities are althought being from the appointe quarter.

§ The first of October O. S. according to Unier.

If Pliny gives it 220 miles, so that he reckened nearly 8 stades to one of his miles.

if any, was projected fouthward. This, however, could not poffibly happen, because Alexander did not arrive till after the summer folstice, nor till August. And yet Arrian took this from Nearchus's journal: but whoever examines the geography of it, will find that he could never be within a degree of the tropic, allowing him to have sailed at a reasonable distance from the shore.

It may appear extraordinary that Alexander should, in the course of a few months, prepare fo vast a fleet for his voyage down the Indus; especially as it is said to be the work of his army. truth is, that the Panjab country, like that of Bengal, is full of navigable rivers; which, communicating with the Indus, form an uninterrupted navigation from Cashmere to Tatta: and, no doubt, abounded with boats and vessels ready constructed to the conqueror's hands. That he built some vessels of war, and others of certain descriptions that might be wanted, I entertain no doubt; but transport and provision vessels, I doubt not, were to be collected to any number. There were about 80 triremes; and the whole number of embarkations were near 2000. I think it probable, too, that the veffels in which Nearchus performed his coasting voyage to the gulf of Persia, were found in the Indus. Vessels of 180 tons burthenare sometimes used in the Ganges; and those of 100 not unfrequently.

Account of the MAP of the Countries, lying between the River Indus, and the CASPIAN SEA.

HAVING so often had occasion to mention the countries of Persia and Tartary, contiguous to the north-west parts of India; it will be for the teader's convenience to have a small map of those parts, inserted in this work, by which the relative positions of the

Ď١

frontier provinces of both countries, will be shewn, and the heads of the Indus, Ganges, and Oxus, brought into one point of view. It will also serve to convey an idea of the route pursued by Mr. Forster\*, from the banks of the Ganges, to the Caspian sea; and which has never been travelled by any European in modern times; at least no account of it is to be found on public record.

The positions of Juminoo, Attock, Behnbur (or Bember) and Pishour, are given in the large map of India; therefore, I shall begin with an account of those of Cashmere, Cabul and Candahar.

From Jummoo, Mr. Forster travelled to the capital city of Cashmere, which he reckons 97 cosses by the road; and the general

<sup>\*</sup> The history of this gentleman's travels is very curious. He proceeded by land from Bengal to the Caspian sea, and from thence by the ordinary route on the river Wolga, &c. to Petersburgh; in the years 1783 and 1781. It was necessary, from a regard to lasety, to avoid the country of the Seiks; that is, Labore: he accordingly cooled the Gauges and Jumna rivers within the mountains, and proceeded to Commerce by the road of Jummoo. He visited this celebrated country. I prefume, through motives of curiofity, as it lay to fir out of his way. From thence, croffing the Indus, about 20 inites above Attock, he proceeded to Cabul, the capital city of Timur Shah, king of Candiliar; or more commonly known by the name of Abdalla. He meant to have proceeded from thence, through the country of Bucharia or Transexonia; but finding it too hazardous, he pursued the accustomed route of the caravans by Candahar. From this place, which is supposed with reason to be the Paropamisan Alexandria, his route was nearly in a straight line through Herat, to the south extremity of the Cuspian; across the modern provinces of Seistan, Koratan, and Mazanderan; and which were known to the Ancients, under the names of Paropumijus, Aria, or (Aiana) Parthia, and Tapuri. It will be perceived that (as far as a compariton can be made) Mr. Forter traced back a confiderable part of the route purfued by Alexander, when in pursuit of B slius. As he travelled in the dif-guise of an Asiatic, and in the company of Asiatics; through a vast extent of Mohammedan country, where the religious prejudices of the natives, are nearly equalled by their political jealousy of all forts of foreigners; we may pronounce the man who could perform such a task without suspicion, to possess great presence of mind, and no less discretion; added to an uncommon share of observation of manners, and facility of attaining languages. Detection had been worse than death: and he was subject to continual suspicion from his fellow-travellers, who were not in the fecret. I hope he means to publish his observations on the manners, government, and present state of that part of Persia, of which we know the least: as well as or Cashmere, a subject yet more interesting to the philosopher and naturalist. It may serve to show the extensive commercial intercourse, and credit in Hindoostan, and the adjoining country (once dependant on it) notwithilanding the variety of governments it contains, and the unfettled state of the greatest part of them; that the bills of exchange which Mr. Foreer obtained at Calcutta, or the greatest part of them; that the bills of exchange which Mr. Forser obtained at Calcutta, were negociable at Cabul, 17 or 18 hundred miles distant; and the capital of a kingdom totally unconnected with, and possibly hostile in political fentiments, to that in which the bills originated. From the time he left the last British station in Oude, to the Origina, is which he employed near a twelvementh, and travelled 27 oct linguish miles; he was compelled to forego most of the ordinary comforts, and accommodistions, which are enjoyed by the lowest class of people, in European common a steeping is the property of the country he passed through the ordinary food and contenting himself with the ordinary food and cooleany of the country he passed through dead it was barely possible to carry with him the means of procuring comforts, without hazarding his safety; as he was so long on the road.

bearing, at N by W. The last 19 cosses of the way, were by water, following the course of the Chelum or Behut river (he writes it Jalum) which, with its feveral branches, traverses the valley of Cashmere, and takes nearly a westerly direction, in this place. This being the case, only 78 cosses are to be reckoned in a northwardly direction, from Jummoo to Islamabad, the place of embarkation: and as the hilly (not to fay mountainous) nature of the country requires at least 45 cosses to make a degree, the position of the capital of Cashmere may be reckoned 117 G. miles N by W from Jummoo: or in lat. 33° 49', lon. 73° 11'. The Perfian tables give its latitude at 35°: but not only the distance from Jummoo, but its bearing from Pishour, plainly demonstrates that it ought not to be higher than 33° 49', or at most 34°; provided Lahore be in 31°. The capital of Cashmere has the same name as the province, according to Mr. Forster, and M. Bernier: but the Ayin Acbaree, at an earlier period, names it Sirinagur. large city, and built on the sides of the river Chelum, which has a remarkable finooth current throughout the whole valley, according to Mr. Forster) and this proves the remarkable flatness of the country; as the body of water is very large.

The valley or country of Cashmere, is celebrated throughout upper Asia for its romantic beauties, for the fertility of its soil, and for the temperature of its atmosphere. All these particulars may be accounted for, when it is considered, that it is an elevated and extensive valley, surrounded by steep mountains, that tower above the regions of snow; and that its soil is composed of the mud deposited by a capital river, which originally formed its waters into a lake, that covered the whole valley; until it opened itself a passage through the mountains, and left this fertilized valley, an ample field to human industry, and to the accommodation of a happy race: for such the ancient inhabitants of Cashmere, undoubtedly, were,

Although this account has no living testimony to support it, yet history and tradition, and what is yet stronger, appearances; have impressed a conviction of its truth on the minds of all those who have visited the scene, and contemplated the different parts of it. Different authors vary in their accounts of the extent of the valley. The Ayin Acharee reckons Cashmere 120 cosses long, and from 10 to 15 broad; but I imagine that some other districts under its government, are included. Bernier, who accompanied Aurengzebe thither, in 1664, says it is 30 leagues long, and 10 or 12 broad. And Mr. Forster, who I dare say was accurate in his enquiries and observations, says it is 80 miles long, and 40 in breadth; and of an oval form.

The author of the Ayin Acbaree dwells with rapture on the beauties of Cathmere; whence we may conclude that it was a favourite subject with his master Acbar, who had visited it three times, before Abul Fazil wrote. Other Emperors of Hindoostan visited it also, and seemed to forget the cares of government, during their residence in the bappy valley. It appears that the periodical rains, which almost deluge the rest of India, are thut out of Cashmere by the height of the mountains; so that only light showers fall there: these however, are in abundance enough to feed some thousands of cascades, which are precipitated into the valley, from every part of the stupendous and romantic bulwark that encircles it. The foil is the richeft that can be conceived; and its productions those of the temperate zone. A vast number of streams and rivers from all quarters of the valley, bring their tribute to the Chelum, the parent of the foil; which is a large navigable river, and in which we recognise the famous Hydaspes of Alexander, who crossed it about 100 miles below the valley. Many small lakes are spread ever the furface, and force of them contain floating illands. In a word, the feenery is beautifully with right a part of the romantic circle of mountains, makes up apportion of every land cape. The pardonable superstition of the sequestered inhabitants, has mul-

P

tiplied the places of worship of Mahadeo, of Beschan, and of Brama. All Cashmere is holy land; and miraculous fountains abound. One dreadful evil they are constantly subject to, namely, earthquakes; and to guard against their most terrible effects, all the houses are built of wood; of which there is no want.

Among other curious manufactures, with which Cashmere abounds, is that of the shawls; which are distributed over all the western and southern Asia. We learn from M. Volney, that they even make a part of the dress of the Egyptian Mamlouks: and at present (as if to exhibit the most striking contrast in the classes of wearers) they are worn by the English ladies. There remains no doubt, but that the delicate wool of which they are made, is the produce of a species of goat, either of that country, or of the adjoining one of Thibet. Notwithstanding the present extensive demand for shawls, the manufacture is declined to one fourth of the former quantity; which may be easily referred to the decline of the Persian and Hindoostanic empires. Here are bred a species of sheep, called Hundoo, which like those of Peru, are employed in carrying burthens. The annual publick revenue of Cashmere, in the time of Aurengzebe, appears to have been only about 35,000l. From what has been faid above, it was, no doubt, a favoured province.

The Cashmirians have a language of their own, said to be anterior to the Sanscrit. And it would appear that they had also a religion of their own, different from that of the Hindoos. Abul Fazil says, "the most respectable people of this country, are the Reyshees, who although they do not suffer themselves to be settered by traditions, are doubtless true worshippers of God." Nothing can exceed the liberality of mind both of Abul Fazil, and of his master, the great Acbar: but the former appears to have caught some of the enthrusiasm of the valley, by his descriptions of some of the holy places in it. To sam up the account of Cashmere, in the words of same authors.

So far am I from doubting the tradition respecting the existence of the lake that covered Cashmere; that appearances alone would ferve to convince me, without either the tradition, or the history. It it a mere natural effect; and such I apprehend must be the economy of nature, in every case where the waters of a river are inclosed in any part of their course, by elevated lands. The first consequence of this stoppage, is, of course, the conversion of the inclosed lands, into a lake: and if this happens near the fountains of the river, and the ground is folid, it is likely to remain a lake for ever; the river not having force enough in its infant state to work itself a passage through the mountains. Hence it is that more lakes are found near the fources of rivers, than in the lower parts of their course. If the river be inclosed after it has gained a great accession of water, and of course, strength, it will indeed at first form a lake as before; but in time, the place at which it runs over, will be gradually fretted away, as in the case of the Chelum abovementioned. The Euphrates, in like manner, opens itself a passage through Mount Taurus; and the Ganges through Mount Imaus: and even though the base of the mountain be of the firmest texture, it will give way to the inceffant friction, through a course of ages: for we know not but that it may have been an operation of fome thousand years. In the case of the Ganges, which passes THROUGH Mount Imaus, it may be supposed that the lower strata were fofter than the upper; for the upper still remain, to a vast height. In that of the Chelum, the lake appears to have existed long enough to deposit a vast depth of soil, before it dispersed. The Cashmirian history names the lake SUTTY-SIRR: and adds, that Kushup led a colony of Bramins to inhabit the valley, after the waters had fubfided. Cashmere is the frontier province of Hindoostany towards Tartary and Thibet: it having little Thibet on the north, and great Thibet on the East Calligur on the N W

From Callences, For Forker went by a very circuitous pute, to Cabul; the barbarous state of the people who inhabit the thores.

of the Indus towards its fource, making this precaution necessary. The countries in question are those of Pelikely or Puckely, Sowhad, and Bijore, the scene of Alexander's warfare on the west of the Indus; all of which were subjected to regular authority during the long and vigorous reign of Acbar. We are told by the Ayin Acbaree, that several of the streams that form the head of the Indus, yeild gold dust: and this accounts for the circumstance of the Indian tribute being paid in gold to Darius Hyslaspes; according to HERODOTUS (Book III.). The fum indeed feems too great, in proportion to what other provinces paid: but as the gold of the river Pactolus has been exhausted; so may that of the Kithengonga, in Puckley, be diminished. Pehkely, I take to be the Pactya of Herodotus, Book IV. (as well as the Peucelaotis of Arrian) from whence Scylax set out to explore the course of the Indus, under the orders of the same Darius: for it lies towards the upper part of the navigable course of that river.

The first part of Mr. Forster's route from Cashmere, was down the course of the Chelum, or Behut, which has a south or SSW course, from the capital of Cashmere, for about 14 cosses; at which point he disembarked, and struck to the westward, towards Muzifferabad; the capital town of a chief, who styles himself Sultan of a district of the same name, bordering on the south-west of Cashmere. This capital is reckoned 71 cosses from Cashmere city, in a W by S direction. The country being mountainous from the confines of Cashmere, together with the obliquity of the course of the river; not more than 73 or 74 G. miles can be allowed on this course. The frontier of Cashmere was passed at 154 cosses from the landing place, on the bank of the Chelum.

At Bazaar, 64 coffes in a SW by S direction from Muzifferabad, Mr. Forster crossed the Indus. This place is about 20 miles to the NNE of Attock, and, together with Jummoo, serves to correct the position of Cashmere, in respect of Attock and Lahore. I have allowed the 64 coffes to produce to Camples, and it accords, as nearly

nearly as such a rough kind of computation, can be expected to do. The greatest part of the way from Muzifferabad, was mountainous, and the country subject to petty Princes of the Patan race. Mr. Forster entered the country of Timur Shah Abdalla, at Hyderbungee, a town about 8 miles to the east of the Indus.

The Indus (or Sinde) was croffed by Mr. Forster, the 10th of July. He remaks, that no rain had then fallen in that neighbourhood: but we know that the periodical rains must have commenced in the northern mountains, near three months before, and of course must have swelled the river very considerably; for Mr. Forster judged the breadth of the stream to be three quarters of a mile. It was also very rapid, and turbulent, although not agitated by any wind. He observed also, that the water was extremely cold, and that a great deal of black fand was suspended in it. or the blue river, is a name fometimes applied to the Indus: possibly from the fancied colour of its waters, when mixed with this fand. The Ganges and Burrampooter rivers, on the contrary, when swoln, are of a pale yellow, lightly tinged with red; being then faturated with mud. I doubt not but that the Indus affumes the fame colour, after the rains have fallen into the level countries, and washed a portion of the soil into the river.

I cannot find out where the springs of this celebrated river, are. Unquestionably, they are far more remote than the sides of the mountains, which separate Hindoostan from Tartary; and where both the ancient and modern Europeans have agreed to place them: for as these mountains are not in a higher parallel than 35°, at most; the Indus could have no more than 150 G. miles to run (reckoning in a strait line) before it reached the place where Mr. Forster crossed it: and we have no example of any river having acquired such a volume of water, in so early a part of its course, as this supposition would make it. All the Panjab rivers; and most of the western rivers, that is, those of Candahar and Cabul, fall in below this point. The Ayin Acbaree says, "the Sind, accord-

"ing to fome, rifes between Cashmere and Cashgur, while others " place its fource in Khatai." By Khatai, is strictly meant CHINA; but the term is likewise extended to Tartary, and other adjacent countries; of which Cashgur may be one. This country commences on the north and north-cast of Cashinere, and extends northward to the fortieth degree of latitude; and eastward to the chain of mountains, which, in the idea of the ancients, feparated the two Scythias: in effect, it was that branch of Mount Imaus that extended in a direction nearly from north to fouth, and terminated on the eastern branch of the same mountains, near the heads of the Ganges. The Indus may then possibly spring from the west fide of this ridge of Imaus; and this would allow a length of course, equal to what the Ganges takes, before it enters Hindoostan. A great part of the space allotted by the maps to Cashgur, is known to be a fandy defert: it is possible that the black fand scen in the river by Mr. Forster, is rolled down by the torrents, from that desert. I cannot help observing that on the east side of the northern Imaus, the name Chatæ appears as the name of a nation \*; as that of Casia does in the position assigned to the modern city of Cashgur. Khatai, as I have faid before, is applied rather in a lax sense by the people of Hindoostan. CHEEN, or MAHA-CHEEN, is their proper name for the empire of China; as SINÆ appears to have been among the Romans. Khatai answers better to Tartary, and its different members, fuch as Thibet, &c. Probably Khatai, and Scythia have the same derivation; as they appear to have been applied in certain instances, to the same tracts of country.

Pisson or Peisson, is the next place of note that lay in Mr. Forster's route. It is a considerable city, and is situated on the great road leading from Attock to Cabul; being 25 cosses from Attock, and 29 in a W by S direction from Bazaar; whence its latitude stands in the map at 32° 44'; and lon. 69° 54'. From this

place to Cabul, Mr. Forster reckons 90 cosses; Col. Popham's MS. 108; and Tavernier 100. I have preferred Mr. Forster's account of the distance; but have altered his bearing to NNW, which accords best with other circumstances: and allowing 45 cosses to a degree, Cabul, by this account, will be in lat. 34° 36′; lon. 68° 58′. By the Persan tables, its latitude is 3; 30′; and its lon. 4° 42′ west from Lahore: but the construction allows only 3° 47′. These bearings, taken in a great measure, at a venture, together with the computed distances on each; can only be admitted in geographical determinations, where there are no fixed points at the extremity of the series, through the necessity of the case: however, they may be estimated, as at least equal in point of authority, to the Persan tables of longitudes, in which Cabul is placed 104° 40′ to the east of the Fortunate Islands.

The city of Cabul, the present capital of Timur Shah, King of Candahar, is situated near the soot of the Indian Caucasus, or Hindoo-Ko; and not far from the source of the Attock river, which passes very near, or under it. Its situation is spoken of in terms of rapture by the Indian historians; it being no less romantic, than pleasant: enjoying a delightful air, and having within its reach, the fruits and other products both of the temperate, and the torrid zone. In a political light, it is considered as the gate of India towards Tartary: as Candahar holds the same place, with respect to Persia.

The Ayin Acbaree is very full, in its description of the province of Cabul; as well as those of Candahar and Cashmere. Cabul has an extent given to it, of 150 cosses from the Indus (at Attock city, probably) to Hindoo-Ko; and 100, from the river Chaghanserai, the eastern boundary, to Charbagh. These measures may be taken at 200 G. miles, by 134; and appear consistent.

The province of Cabul appears, by every account, to be a country highly divertised; being made up of mountains, covered with eternal snows; hills of moderate height, and easy ascent; rich plains

plains, and stately forests; and these enlivened by innumerable streams of water. It produces every article necessary to human life, together with the most delicate fruits and slowers. It is sometimes named Zabulistan, from Zabul, one of the names of Ghizni: which was the ancient capital of this country, and of which, Candahar was then reckoned a part. The mountains of Hindoo, or Hindoo-Ko, separate Cabul from Balk and Badackshan; and are precisely the ridge designed by the ancients, under the name of the Caucasus of India: and the proximity of this ridge to Cabul, occasions the most rapid changes in the temperature of the atmosphere. The Ayin Acbaree, from whence most of these particulars are collected, takes particular notice of the Attock river, which takes its course from north to south (nearly) and fertilizes the lands of Cabul and Ghizni.

Cabul, as well as Candahar, together with some districts on the east of the Indus, are comprised within the extensive dominions of Timur Shah Abdalla; which extend westward to the neighbourhood of the city of Tershish; including generally Cabul, Candahar, Peishore, Ghizni, Gaur, Seistan (or Sigistan) and Korasan. This tract is not less than 650 B. miles in length, from east to west: but although we know not what the extent may be, breadthwise; yet there is little reason to suppose, that it bears any proportion to the length. It does not differ much from the tract comprised within the ancient kingdom of Ghizni. Timur Shah's Indian subjects are chiefly Asghans; the rest, Persians and Tartars of almost every denomination. His government is said to be mild and equitable; with some degree of relaxation as to military discipline. This, in a government parely military, subodes differution.

The position of Candabas is fall more indeterminate, than that of Cabul; as being placed with a reference to the latter, and in the parallel assigned by the Persian tables, which is 33° or a degree and half to the southward of Cabul. Its longitude cannot be collected from the Avia Acharce, because there is a missian table.

figures:

figures: it giving a higher number of degrees than for Cabul; reckoning from the Fortunate Islands. Mr. Forster estimates the bearing of Ghizni (or Gazna) from Cabul, at S or S by W; and the distance 20 farsangs, or 41 cosses: and from Ghizni to Candahar SW, 103 costes. These give a general bearing of S 33 W, 137 coffes. Col. Popham's MS. gives 122 coffes between Cabul and Candahar, in direct distance; and Tavernier 110. There appears a wide difference in these accounts: Mr. Forster's bearing from Ghizni, is unquestionably too much southerly, as is proved by the difference of latitude; therefore the distance arising from his compound course, is to be placed out of the question. And Col. Popham's MS. fays that the coffes are to be reckoned at a mile and half (British, we may conclude) and then the 122 cosses, produce only 96 Hindoostanny cosses; and these, at 42 to a degree, will give 138 G. miles. I have accordingly placed Candahar 138 miles from Cabul, and in lat. 33°, lon. 67° 5': which is D'Anville's pofition of it, in his map of Asia. In my map, it stands 5° 42' west of Lahore; or 1° 55' west of Cabul. The eastern geographers, according to M. D'Anville, allow 2 degrees between them.

Candahar, while the Persian and Mogul empires were severally undivided, was the frontier city and fortress of Hindoostan towards Persia; and was esteemed the key of the western provinces of the latter; and not unfrequently changed masters. The Ayin Acbaree, classes, as belonging to Candahar, several provinces on the west of it, and which unequivocally belong to Persia: but as the limits of the empire varied with the prowess and abilities of the different Emperors, it may be concluded that Acbar extended them to the utmost. I believe there are no doubts entertained concerning the ancient name of Candahar: which is allowed to be the Paropanisan Alexandria; from whence Alexander, directed his march northward, into Bactria and Sogdiana, that is, the modern countries of Balk, Bucharia, and Samarcand: and returned again to it, previous to his Indian expedition.

The

The position of Ghizni, the ancient capital of the kingdom of the fame name, is rotally different from v. hat M. D'Anville supposed. He has placed it in the NW extreme of Cabul: but Mr. Forster found it in the very heart of that province. Geography is, indeed, very bare of particulars through the whole tract between Cashinere and Candahar: although Mr. Foister has contributed so much towards the improvement of it. He has shewn that Cashmere stands nearly a whole degree to the north of the position affigned it, in our best maps: has taught us to distinguish certain branches of the Indus, which before, were either confounded together, or misnamed. In particular, we learn from him, that the river which passes by the city of Cabul, is named the Attock; and joins the Indus in front of the city of Attock: and although the smallest river of the two (for it is not more than 100 yards wide, though deep) yet communicates its name to the other, during a confiderable portion of its course.

Although this was the part of India, the first known to Europeans, yet at this day, we know less of it, than of most other parts: nor ought it to excite furprise; for the moderns have visited India, on a very different errand than what the ancients did: ours being purely on the score of maritime trade, until the downfal of the Mogul empire, opened the way to the acquisition of territory: and that in the opposite corner of the empire. I have availed myself of the laborious researches of the celebrated D'Anville, to introduce feveral places, whose names he has identified on the authority of a Turkish geographer, whose works I am unacquainted with. From M. D'Anville's works also, I have copied the position of the northern mountains, which separate India from the Tartarian provinces, as well as those provinces themselves; having, as I said before, extended the map to Samarcand and Cashgur, in order to shew the relative positions of the places situated near the common frontiers of Persia, India, and Tartery. Those who wish for more particular information, may confult his map of Asia published in

1751; as also his Eclairciffemens, which accompanied that, and the map of India; the first section of which is particularly curious, and applies directly to this subject. His Antiquité Geographique de L'Inde, deserves attention likewise: though I confess I cannot follow Arrian in his detail of Alexander's marches, in the countries bordeling on the west of the Indus, for want of such unequivocal marks, as are to be found on the east side of that river, in the courses and confluences of the Panjab rivers. However, by the aid of the Ayin Achatee, feveral positions in the march of Alexander may be afcertained; as the fecond volume of that work, under the heads of Cashmere and Cabul, gives the names, dimensions, and relative positions, of the subdivisions of those countries. can clearly perceive that Alexander never went fo far to the north as the city of Cabul; and that although his route is generally represented as very circuitous, and even traversing the country from one extreme to the other; yet I apprehend, that on the contrary, it was tolerably straight, from Alexandria (or Candahar) to the Indus, near Peucelaotis, or Pehkely. Let us endeavour to trace his route generally:

Leaving Alexandria, he came to the river Cophenes; which, by circumstances, ought to be the river that runs under the city of Nagaz: and the modern name of which, M. D'Anville has found to be Cow, in the Turkish geographer above spoken of. It is unfortunate, that neither Mr. Forster's journal, nor Col. Popham's MS. give the particulars of any of the rivers on the road between Cabul and Candahar: the latter indeed, notes no less than five streams that cross it: but leaves us in uncertainty as to their bulk, names, and suture course. In Alexander's arrangement of boundaries, the river Cophenes was the eastern limit of the province of Paropanisus; of which Alexandria, or Candahar, was regarded as

\_2 the

This work is very scarce, and might be reprinted, with emolument to the published.

† The names of places in the map, at page 102, are given a cording to appear as well as modern acceptation of them. The ancient names have a dash under them.

the capital: and I think it answers to the Nagaz river in this respect; and still more in the distance marched by Alexander, in the interval between this river and the Indus. From the Cophenes river, Hephestion and Perdiccas, with a strong detachment, were fent into the country of Peucelaotis (according to Arrian; Peucolaitis, according to Strabo) near the Indus, where they were to make ready for ferrying the army over. This country, in name and situation agrees with the modern Pehkely or Puckley, lying on the north of Attock; and Hephestion's stay there must have been very considerable, previous to Alexander's arrival: as on occasion of the revolt of the Prince of the country, the siege of his capital took up 30 days. Alexander himfelf, marched from the banks of the Cophenes against the Aspii, Thyrai, and Arasaci; nations, whose fituations, and modern names, I am utterly ignorant of; but conclude that they were inferior divisions of the modern Cabul, and fituated on the north-east of Candahar; for, not to mention that Alexander would hardly pursue the same route as Hephestion did, which was to the east; he afterwards sailed down the stream of the Indus, to the place where the bridge was built: and every circumstance serves to prove that his expedition was to the NE. In his way to the Afpii, he croffed two rivers, the Choe and Euaspla; and defeating the Aspians in a pitched battle, passed through the territories of the Guræi; and crossed the river of the same name, with much difficulty, by reason of the depth and rapidity of its fream, and the nature of its bottom; which was composed of round flippery stones. He was at this time, on his way to the country of the Assaceni, or Assaceni; and this is a point, at which I shall pause, to endeavour to ascertain its position, from the nature of the circumstances relating to it. The river Gureus, then, appears to have been the most considerable one that occurred since Alexander passed the Cophenes: it was deep, but yet fordable; for had his army croffed it in boats, they would either have been ignorant of the nature of its bottom; or knowing it, they could

6

not have regarded it as an obstacle. The description suits the Attock river, which running under Cabul, passes on the east of the territory of Ghizni (Ghuzneen, in the Ayin Acbarce) and joins the Sinde or Indus, in front of the city of Attock. The Guræi, therefore, answer to the Ghiznians; and their river to that of Attock. It is very difficult to judge of the length of Alexander's march from the Cophenes to the Gureus; but possibly it might be 70 or 80 road miles.

The country of Affacani, appears to border on the east of the Gureus, and answers to I//a-kyl, a territory situated on the southeast of the city of Cabul \*, and between that and Bijore. the capital, being taken by affault, Alexander fummoned Bazira, which we may conclude to be the territory adjoining to the Affacani; and here the modern district of Bijere presents itself in a position that answers most unequivocally to that of Bazira; and the fimilarity of the names is no less striking. Bijore is a finall province bordering on the north of Pishour (or Peishore) which is synonimous with Beckram +, and is confined by the rivers Indus and Its dimensions are not more than 50 miles by 20, full of mountains and wilds, and inhabited by a favage and turbulent race. Its position becomes interesling, as it contains the samous mountain of Aornus, the taking of which was one of the most brilliant exploits of Alexander, in these parts. The Ayin Acbaree gives no intimation of its containing any fuch remarkable mountain: but describes it generally as a very strong country, and as having fastnesses, into which the inhabitants occasionally retreat. According to the above particulars of the situation of Bijore, and the account of Alexander's proceedings after he left Aornus, I conclude that this celebrated mountain lies about 55 G. miles northward, or NNE, from Pishour; and 85 from Cabul. Arrian describes its base to be 18 or 20 miles ‡ in circuit; of vast elevation, and ac-

<sup>\*</sup> Ayin Acharee Vol. II. p. 195. ‡ Reckoning 10 stades to a mile.

<sup>† 1</sup>bid, p. 194 and 205.

cessible only by one narrow path, cut out in the rock. On the fummit was a great extent of arable and pasture land, with springs of water; so that a garrison of 1000 men might subsist, without any extraneous aid. We may suppose it to be somewhat similar to Gwalior\*, or Rotas Gur in Bahar. The Indus does not pass near Aornus; because the district of Sowhad proper lies between the Indus and Bijore, according to the Ayin Acharee.

M. D'Anville in his Eclaircissemens, and Antiquité de L'Inde, informs us that the Sieur Otter, in his account of the return of Nadir Shah, in 1739, (a work I have never been able to meet with) describes a remarkable mountain of the name of Renas, on the east of the Attock river, and near the banks of the Suvat: and indeed, in the position, in which we might expect to find Aornus. The river Suvat, probably means that of Sowbad; a province bordering, as we have said before, on the west of the Indus: and I should suspect that the Indus itself is intended by the river Suvat. M. D'Anville's reasoning, to prove that Renas and Aornus are meant for the same word, is very curious: and I beg leave to refer the reader to page 17 of the Antiquité de L'Inde, where he will find it in the author's own words.

It appears that Alexander, after the taking of Bazira, and before he befieged Aornus (notwithstanding its proximity to the former) proceeded to the Indus, where he took possession of the city and fortress of Peucelaotis, and several small towns on, or near, that river: and as Hephestion and Perdiccas make their appearance here, I conside this to be the city spoken of before, as sustaining a siege of 30 days; which period might possibly expire about the time of Alexander's arrival: and the surrender might have been a consequence of it.

We have before supposed the country of Peucelaotis to be the modern Pehkely; and the fortress and city in question, was proba-

bly the capital of it. The Ayin Acbaree describes the province thus: it is fituated on the west (or rather S W) of Cashinere; with the country of Gehker to the fouth; Attock to the west (or SW) Sowhad, which includes Bijore, on the NW; and Kenore on the north: its rivers are the Behut, Sinde (or Indus) and Kishengonga: and its dimensions 66 B. miles by 47. The two circumstances of the Indus and Kishengonga passing through it; and its bordering on the diffrict of Attock (or Attock-Benaris) point out its general position very clearly. Mr. Forster thews us that the Attock district extends 27 or 30 miles to the NNE of the city of that name: and it may possibly go somewhat farther northward; though probably not much. Here then we place the fouthern limit of Pehkely, about 35 miles above the city of Attock, and extend it to the NNE, along the shores of the Indus; though much more of it lies on the cast of that river, than on the west. The Kishengonga being the common boundary of Pehkely and Cashmere, proves that Pehkely has its greatest extent from NE to SW: and Mr. Forster, who avoided the Pehkely district, and did not see the Kishengonga, must have been to the cast of it, in his journey from Cashmere to Pishour. A slight inspection of the map, at page 102, will convey a clearer idea of the relative positions of the several provinces just mentioned, than any written description: and to that, I shall beg leave to refer the reader.

If I understand the matter right, Alexander left the rock Aornus behind him, as I said before, when he proceeded to Peucelaotis, to receive its surrender: and afterwards marched back again (that is, to the N or N W) to invest the rock; taking the city of Embolima, which stood near it, in his way. And after the taking of Aornus, he made a second expedition into the country of the Assacani, still tracing back his steps to the northward. His errand among the Assacani (Isla-kyl) this second time, was to get possession of some elephants, which were said to be sent thither, to prevent their salling into his hands. It was doubtless an object to him, to provided

vided with a fufficient number of elephants, in order to oppofe, with a prospect of success, those of his enemies, when he should arrive on the east fide of the Indus. And although Alexander might, from his superior knowledge of discipline, despise the attacks of those animals, as every accomplished general in every age has done; yet from an equal degree of knowledge of the human mind, he might conclude that his foldiers in general would feel themselves possessed of more considence, when, in addition to their ordinary means of attack, they could also employ that, which appeared the most formidable in the hands of their enemies. elephants were at last found, in the pastures near the Indus, and fent off by land to the grand army; which we may suppose to be on their march, towards the bridge. He in the mean time, possibly tired of marching; or for the sake of novelty, wishing to embark on the Indus; caused trees to be felled, with which having constructed boats (according to Arrian) he sailed down the stream to the bridge. Possibly he made some rafts, which might be fully equal to his wants; but it is difficult to conceive, by those who are acquainted with the nature of constructing any kind of boats, that he either waited to build them; or that he carried with him the requifites for their equipment, on fo fudden an emergency.

I have before (page 92) supposed Attock to be the place where Alexander crossed the Indus: and over and above the reasons there assigned for it, I will now add another: which is, that after he came to the bridge, (which was compleated before his arrival) he made an excursion by land, into the country adjacent to the western bank of the Indus, to view the city of Nysa (supposed by D'Anville to be Nagaz, the Nagara, or Dyonysopelis of Ptolemy) and he is then said to have entered the country, that lay between the two rivers, Cophenes and Indus. We have before taken it for granted that the Cophenes is the river that runs by Nagaz, and falls into the Indus about 30 miles below the city of Attock; and as the river Attock joins the Indus in front of the city of that name, it is clear

that until he came opposite to that city, he could not be between the Cophenes and Indus. And if it be said that the Attock river, was the Cophenes, he had all along been between the Cophenes and the Indus; and Arrian's words could have no meaning. But it is probable on every account that Attock was the crossing place: there the mountainous country from the north-east terminates, and the plains of the Panjab begin; a circumstance highly favourable to his future plan of penetrating into India, and no less so to the construction of his bridge; which was no easy matter to accomplish, across a river so wide and so rapid as the Indus; but which was less difficult in a level country than in a mountainous one. The bridge was undoubtedly made of boats, as Tamerlane's was, in 1398: but Tamerlane crossed at a season when the river, was (comparatively) low; Alexander, after it was considerably swoln, with the periodical rains.

By Alexander's fending off Hephestion from the Cophenes, to provide the means of passing the Indus in the country of *Peuce-laotis* (Pehkely) it would appear that he had an intention of croffing it higher up than he afterwards did: and it was natural enough, before he had learnt from Hephestion that the situation was in every respect, unfavourable.

It is unlikely that Alexander, so far from visiting Cashmere, as some have thought, ever had heard any distinct account of it; otherwise some of the writers of his life, would surely have taken notice of so extraordinary a country: nay, I conclude, according to my idea of Alexander's character, that he would certainly have visited it, when he returned to the Hydaspes, to embark for the Indus: and was, in some degree at leisure; if a man who is eternally preparing work for himself, can be said to have any.

As M. D'Anville's account of Alexander's progress in the Antiquité de L'Inde, supposes that the Behut, or Chelum (he calls it Genave) the westernmost of the Panjab rivers, was the Indus of Alexander; it is necessary to observe, that M. D'Anville's opinion

R was

was formed on the supposed certainty of that Monarch's having only four rivers between him and the country of the Prasii, when he had crossed the Indus. That learned geographer had not the true geography of the Panjab before him: and, in fact, Alexander had all the five rivers of the Panjab to cross, after he arrived on the east side of the river, which he supposed to be, and was in reality, the Indus.

I return from this long digression concerning Alexander, to the account of the modern geography of the tract in question. I am convinced that the more our knowledge of the particular geography of the countries, on both sides of the upper parts of the Indus, increases; the clearer will be our ideas of Alexander's marches. The commentaries of the Emperor Baber, quoted in the Ayin Acbaree, may be a fruitful source of information; as they treat particularly of the province of Cabul.

NO STATE OF

Between Candahar and Meschid-Sirr, on the south coast of the Caspian sea, Mr. Forster's route lay in a pretty strait line through Herat, Tershish, and Bustan (Bistam in D'Anville) and this circumstance is savourable to the design of using his scale of computed farsangs, through that space. He estimates this measure roundly at 2 cosses; or about 4 British miles. His whole number of farsangs between Candahar and Meschid is 280\*, and the distance according to M. D'Anville, (the best authority I know) is 15° of longitude, wanting 12', which with the difference of latitude between 33° and 37°, gives 772 G. miles. The farsang then, pro-

duces

<sup>\*</sup> The whole number, funned up, is 276; but there is an omission of the distance of a stage between Nasirabad and Shawtoot; and this I have allowed 4 farsange for.

duces 2,757 G. miles of horizontal distance; or allowing for the inflexions of the road 3,71, or near 3? British miles; not very wide of Mr. Forster's estimation: for 2 Hindoostanny cosses may be taken at 3,8 B. miles. According to this proportion, about 213 farfangs, will make a degree of a great circle. M. D'Anville's scale of Parasangas in his Euphrates and Tigris, are at the rate of 25 to a degree. With the above scale, I have compared some of the intermediate places, in M. D'Anville's map of Asia, and find that Herat, the capital city of Korasan, is too far to the west by 1° 37' of longitude; and Tershish (or Tershiz) by 15', in respect of the Caspian sea. These positions I have ventured to alter: for it is probable that M. D'Anville might not have been possessed of an itinerary, fo accurate as Mr. Forster's. Between Candahar and Gimmock, Mr. Forster estimates the bearing, at W and W by N: and the short distance between the latter, and Herat, N. No reafon is affigned for the fudden change of course. From Herat to Bustan, W by N, and the remainder of the way, W, W by N, and NW. All these bearings are tolerably accurate.

This gentleman furnishes us with new ideas respecting the bearing of the chain of mountains, that is commonly supposed to penetrate Asia from west to east, under various names: or rather, he brings us back to the ideas left us by the ancients. It is unquestionable, that the Greeks and Romans knew more of the particular geography of Persia, than the modern Europeans do: although the parts that are known to us, may be arranged with more geometrical precision. This chain or ridge, which rises in lesser Asia, and was anciently named Taurus, and runs eastward through Armenia; and from thence deviating to the SE, shuts up the south coast of the Caspian sea; was continued by Ptolemy, under the names of Coronus, Sariphi, and Paropamisus: dividing Hyrcania and Tapuri, from Parthia; Margiana from Aria; and Bactria from the province of Paropamisus (or, according to modern geography, dividing Mazanderan, or Taberistan, from Comis; Dahistan from Korasan;

and

and Balk from Seiftan, or Sigittan) and finally was made to join that vast ridge, which under the name of Indian Caucasus, divided India from Bactria; and afterwards took the names of Inaus and Emodus; separating India from Scythia. It is not known to the moderns, what course this chain takes, after it leaves the neighbourhood of the Caspian sea: or whether it does in reality join the Indian Caucafus: but the probability of it is strong, although it is not after the manner IvI. D'Anville supposed: for he gives it an ESE direction from the Caspian, and makes it pass on the south of Herat. But had this been the case, Mr. Forster must have croffed it in his way from Candahar; instead of which, he croffed no mountains until he came within 90 miles of the Caspian sea; fo that he left the continuation of the Indian Caucasus, if such there be, on his right; or to the northward; and I really believe that the ridge does exist, under the form described by Ptolemy: for the rivers croffed by Mr. Forster, had all a southerly course; proving that the high land lay to the north, although out of fight: therefore the connexion between the Caspian mountains, and the Indian Caucasus, must be by the north of Korasan. As for the ridge that Mr. Forster crossed near the Caspian sea, it had a north and south direction, and answers to the mountains Masdoramus of Ptolemy, which shut up the eastern side of Parthia proper, which lay on the SE of the Caspian. The modern name of this ridge is Kana-boody; and Mr. Forster remarks that the elevation of it is far greater on the west, than on the east: so that the lands of Korasan, are in general, more elevated than those towards Ispahan. The Kanahoody mountains are those which M. D'Anville has extended to Herat and Cabul; but we find their course to be quite different; but how far they extend to the fouth or S E is still a question.

I confess it was a matter of surprise to me that there should be no mountains between the province of Cabul and Tershish, in the route passed by Mr. Forster: he describes nothing but scattering hills, where the maps usually represent lofty chains of mountains.

Throughout his whole route from Candahar to the Caspian sea, he crossed no stream that was too deep to be forded, although the journey lasted from the beginning of August, to the latter end of January.

I have introduced Alexander's march after Bessus, &c. in order to render the map more compleat. We may trace the ancient Tapuri, in Taberistan; Dabe, in Dahistan; Arachosia, in Arokhage; and Aria, in Herat, or Harat. Cau-casus, and Paro-pamisus, the names of ridges of mountains on the NW of India, derive part of their names from Ko and Pahar, words which signify mountains and hills in the Indian languages. Of Imaus, we have spoken before, in page 96. Probably, the name of the Caucasus of Georgia, had the same derivation, as that of India.

I shall close the account of this small map, with an observation or two, respecting some geographical misconceptions which I have observed to prevail, even among some of the learned. The first is, that the modern Bucharia (or Bocharia) is the same with the ancient Bactria. This is so far from being the case, that Bucharia is situated beyond the river anciently called the Oxus, or the modern Jihon: and is the country anciently named Sogdiana; from Sogd, the valley: that is, the beautiful valley, in which Samarcand (anciently Maracanda) is situated. Bactria, or Bactriana, on the contrary, lay on the south of the Oxus; and comprehended the present provinces of Balk and Gaur; and probably part of Korasan. Maver-ul-nere, is also applied to the country beyond the Jihon; and between the lower parts of the courses of that river, and the Sirr, or ancient Iaxartes: Mavel-ul-nere signifying the country beyond the river; or Transoxiana.

The other misconception respects ancient Parthia. Very inaccurate ideas prevail concerning the local position of that country. Those whose knowledge of it is collected chiefly from its wars withthe Romans, conceive Parthia to be only the countries bordering on the Euphrates and Tigris; as their boundaries, on the extension of their emphrates and Tigris;

pires, met those of the Romans. Strabo has either been mistaken in this point, or has not fully expressed himself, where he describes the Parthians who defeated Crassus, as the descendants of those Carduchians, who gave fo much trouble to Xenophon, during the celebrated retreat of the Greeks. It is probable, or at least possible, that the Parthians might have had in their army at that time, some detachments from among those hardy mountaineers; as the Carduchi were then numbered among their subjects: but the bulk of the Parthian army, came from Persia, their proper country. Whoever confiders the flight fubjection in which the Carduchians were held, even during the vigorous reigns of the first Persian Emperors, will not expect that the Parthians had many recruits from that quarter. The history of the Parthian geography is briefly this: Parthia proper, was a small province, very near to the south-east extreme of the Caspian sea; which territory, after the division of Alexander's empire, fell to the share of the Seleucidæ, Kings of Syria, and of the east, about 300 years before our æra. About 50 years after, Parthia rebelled; and together with Hyrcania, and other adjoining provinces, became an independant state, under Arfaces. As the empire of the Seleucidæ grew weaker, the Parthians extended their country westward; and the fine province of Media (now Irak-Ajami) fell to them: and within a century after the foundation of their state, it had swallowed up all the countries from the Indus to the Euphrates, Bactria included: and this province had thrown off the yoke of the Seleucidæ, long before Parthia. The Parthian conquests in Armenia, about 70 years before Christ, brought them, acquainted with the Romans; whose conquests mettheirs, both in that country and in Syria. The Parthians, together with their conquests, had advanced their capital westwards; and had established it on the Tigris at Seleucia, or rather Ctefiphon (near the present Bagdad) before their wars with the Romans commenced. The particulars of their first wars with the Roman people, which continued about 65 years, are too well known to be repeated, here,

## [ 127 ]

had this been a proper place for it; such as the expeditions of Pompey, and Anthony; and the defeat of Crassus. On occasion of this last event, the Parthians extended their conquests further westward, but were afterwards compelled to retire: and they generally lost ground in Armenia and Mesopotamia, during the time of the Roman Emperors. Trajan penetrated to their capital; and satisfied his curiosity by embarking on the Indian sea. The moderation of Adrian restored the ancient boundary of the Euphrates. In A. D. 245, Persis, or Persia proper, which had hitherto ranked as a province of Parthia, gained the ascendency; and under Artaxerxes, put an end to the dynasty of the Arsacidæ, and restored the ancient name of Persia to the empire; after that of Parthia had existed about 480 years. So that, in fact, the Parthian empire, considered generally, was the Persian, under another name.

## SECTION IV.

The Tract fituated between the Kistnah River, and the Countries traversed by the Courses of the Ganges and Indus, and their principal Branches: that is to say, the middle Parts of India.

THIS very extensive tract is bounded on the north-east by the soubahs of Bengal, Bahar, Allahabad, and Agra; on the NW by the course of the river Puddar; on the east and west by the sea; and on the south by the river Kistnah or Krishnah: and comprehends in general the soubahs of Guzerat, Malwa, Berar, Orissa, Candeish, Amednagur (or Dowlatabad) Visiapour (or Bejapour) and Golconda. It is about 800 British miles in length from NW to SE; and 600 wide: and has in and about it, many points that are determined either by cœlestial observations; or inferred from such points, by the help of surveys or good charts.

The fundamental points on which the construction and scale of this part depend, are as follows:

On the north and north-east, Agra, as determined by observations and survey (page 48); and Calpy, Chatterpour, Rewah, Burwah, and Balasore, inferred from measured lines drawn from other places of observation. On the east, Cattack, as determined by Col. Pearse, (page 11). On the south, Masulipatam, as determined by Col. Pearse, and Capt. Ritchie (page 12). On the west, Bombay, by the observations of the Hon. Mr. Howe (page 31) and

Surat, Cambay, and Diu Point, inferred from charts and furveys (page 33). And in the interior parts, Narwah, Sirong, Bopaul, Huffingabad, Burhanpour, Poonah, Amedabad, by Mr. Smith's observations, and General Goddard's march: Nagpour, Ruttunpour, and Gurrah, by Mr. Ewart's observations and surveys: and Aurungabad, Hydrabad, Sumbulpour, Agimerc, and Areg (near Visiapour) by miscellaneous materials. I shall proceed first, to give the authorities by which these primary flations or points, were determined; and afterwards shew how the intermediate parts were filled up, in detail. The construction of the sea coasts, on both fides of this tract, has been already discussed, in section I: and I shall begin my account of the construction of the inland parts, with Mr. Smith's and General Goddard's lines across the continent, from Calpy to Bombay, and Surat.

The Rev. Mr. Smith set out from Calpy with Col. Upton in 1776, on an embaffy to the Mahratta Court at Poonah; and fell into the great road from Delhi and Agra to the Deccan, at the city of Narwah; which is fituated on the river Sindeh, near the entrance of a famous pass, that leads through the chain of mountains, that divide Malwa from Agra. From Narwah, he proceeded to Sirong, a city of Malwa, subject to Madadjee Sindia: and from thence to Burhanpour, the capital of Candeish; and at one period, of the Deccan also. It is yet a flourishing city; and is situated in the midst of a delightful country. In his way to this place from Sirong, he crossed the famous river Nerbuddah; formerly the reputed boundary of the Deccan, to the north. From Burhanpour, he went to Poonah, the capital of the western Mahratta empire, crosfing the heads of the Godavery and Beemah rivers in his way: and' from Poonah to Bombay. During all this route, he took observations of latitude and longitude, as often as opportunity offered; which was not unfrequently; and with these, together with the intermediate bearings of the road, he constructed a map, which is no less valuable on the score of its general accuracy, and extensive infor-

information; than curious, by the novelty of its subject. We had then for the first time, a geographical line, on which we could depend, drawn across the continent of India, through the principal points between Agra and Poonah; and which, by establishing so many interesting positions, has enabled us to correct several routes, which, without it, would have remained very indeterminate. Narwah, for instance, corrects the bearing and distance of the road between it, and Agra; Sirong, the road to Ougein, and Mundu; and Burhanpour, the position of Aurungabad; and the bearing of the roads to Surat, Hydrabad, and Nagpour.

General Goddard's celebrated march from Calpy to Surat, touches on the route of Mr. Smith, at Calpy, Sirong, Bopaul, Hurdah, and Burhanpour: and the map of it, which remained in the General's possession at the time of his death, was said to be drawn from the materials furnished by the sield engineers; who measured the distances, and took the bearings of the road, the whole way. On a comparison of the difference of longitude shewn by this map, with that resulting from Mr. Smith's observations, the difference was 6' 35"; the measured line giving so much more than the observations.

General Goddard's map gave the miles of westing, between Calpy and Sirong 109 <sup>±</sup> , or difference of longitude	20	o′	15"
And from Sirong to Burhanpour 96 <sup>t</sup> , miles of west- ing, or difference of longitude	I	44	20
Whole difference between Calpy and Burhanpour	3	44	35
And, Mr. Smith's longitude of Calpy is  Burhanpour	80° 76	o' 22	0
Difference of longitude by observation	3.	38	

And

And in the interval between Calpy and Sirong, about 2 degrees, the measurement exceeded the difference of longitude by observation 4 minutes; so that the measured line exceeded the distance by observation, proportionally through each interval.

Now it remains to be observed, that Calpy, on the fouth bank of the Jumna river, the last point in the survey, that way, and the first in Mr. Smith's route; stands in my map, in lat. 26° 7′ 15", and in Ion. 80° 4'; while Mr. Smith reckons it in 80°. Again, on the west side of India, I have taken Bombay at 72° 40' (see page 31) and Mr. Smith places it in 72° 45': fo that, in fact, he is 4' to the west of my account at Calpy; and 4' to the east of it at Bombay: his whole difference of longitude between Calpy and Bombay, being o' less than what I have taken it at. And again. it has been observed that Mr. Smith reckons 6' 35" less between Calpy and Burhanpour, than Goddard's measured route gives. is certain that observations of longitude, taken in the ordinary way, cannot be expected to correct fmall errors in distance, so well as measured lines; and therefore it is no impeachment of the general utility of Mr. Smith's observations, that I have ventured to deviate from them, in fixing the politions of some places in the road across the continent.

Narwah, or Narwha, is the first point that I shall notice in Mr. Smith's map, from Calpy. He places this city and fortress in lat. 25° 40′; lon. 78° 17′; his difference of longitude from Calpy, being 1° 43′. Mr. Cameron, who surveyed the roads and country between Etayah and Sirong, reckons 1° 3′ difference of latitude, and 57 miles of westing, or 1° 4′ difference of longitude from Etayah to Narwah. Now, Etayah being by the survey in 26° 43′ 40″ lat.; and 79° 17′ lon.; the latitude of Sirong comes out perfectly right, but the longitude is 4′ to the west of Mr. Smith's account; or 78° 13′. I cannot, however, determine with what degree of exactness, this survey was made; and I have placed Narwah in 79° 17′.

Sirong (called also Seronge) by Mr. Smith's observations, is in lon. 78° 4′; and as General Goddard's map makes it 2° of longitude west from Calpy (which is in 80° 4′ by the above account) they both agree in this point, although they differ in the quantity of westing between the two meridians of Calpy and Sirong: for Mr. Smith's difference of longitude is only 1° 56′; and the measured line exceeds it by 4 minutes. The latitude of Sirong is 24° 4′ 40″. It is proper to observe, that General Goddard's route crossed Mr. Smith's about 6 miles to the SE of the latter place; but the survey was closed to it.

Between Calpy and Sirong, General Goddard's route passed through Chatterpour, a city in the western quarter of Bundelcund (or Bundela). This place was formerly visited, and its position determined by mensuration, from Rewah; by Capt. Carter. He placed it in lat. 24° 58′ 30″; lone 79° 56′ 30″. General Goddard's route represents it as being half a minute in latitude more to the north, that is in 24° 59′; and 3′ 30″ more westerly in respect of Calpy. As it was fixed by a measured line drawn westward from Rewah, its longitude ought to be better determined by it, than by a meridional line drawn from Calpy; and accordingly, I have not altered its position.

Bopaltol is the next place where the roads meet; Mr. Smith's longitude of it is 77° 48′, and lat. 23° 13′ 30″. General Goddard's map gives 32 G. miles, or 35′ 15″ of longitude, from Sirong; making Bopal in 77° 28′ 45″. I have placed it in 77° 28′ lon.; and 23° 14′ latitude. It appears unaccountable that there should be no less than 19′ difference, between Goddard's account and Mr. Smith's, in the longitude of Bopaul. I copied the longitude, as it stands above, from Mr. Smith's map.

Hurdah, on the fouth of the Nerbuddah river, is the next point of junction of the two routes. This, Mr. Smith places in 77° 21' 15"; and by Goddard's line, it comes out 1' 30" more to the west; or 77° 19' 45". It will be recollected, that as General Goddard

at fetting out, was 4' to the eastward of Mr. Smith's account (at Calpy) Hurdah will be 5' 30" on the whole, more to the westward, than Mr. Smith's difference of longitude from Calpy, would give.

Between Bopal and Hurdah, General Goddard's route makes a large elbow, or angle, to the fouth-east, to Hussingabad Gaut, on the fouth bank of the Nerbuddah river; and on the frontiers of Nagpour, the eastern division of the Mahratta empire: thus establishing a most useful primary point or station, in a quarter where it was the most wanted. Hussingabad is placed in lat. 22° 42′ 30″, lon. 77° 54′; and about 140 G. miles to the N W of Nagpour city.

The two routes run often into, and across each other, between Hurdah and Burhanpour. The latter, as is said before, is by Mr. Smith's observation, in lon. 76° 22'; and in lat. 21° 19': and by Goddard's measurement, which gives 3° 44' 35" from Calpy, in lon. 76° 19' 25"; which, rejecting the seconds, is the longitude I have adopted for it; not altogether on the evidence of the measured distances themselves, but because they agree with the whole difference of longitude arising from the observations adopted in the map, between Calpy and Bombay. (see page 130).

Burhanpour is a very fine city, and was one of the earliest conquests made in the Deccan. In Acbar's division of the empire, it ranks as the capital city of the soubah of Candeish. It is now in the hands of the Poonah, or western Marattas. About 20 miles to the N E of it, is a very strong fortress named Aseer or Aseergur.

The final separation of the two routes, is at Burhanpour, from whence Goddard went westward to Surat; and Smith, south-westward, to Poonah. The measure of the road to Surat gives 3° 30′ 45″ difference of longitude; which taken from 76° 19′, leaves 72° 48′ 15″ for the longitude of Surat; which I have adopted. This subject has been already discussed, in the first section (page 32) where it is observed, that the different authorities between

Bombay

Bombay and Surat, gave 10' difference of longitude between them; by which (as Bombay is taken at 72° 40') Surat would be in - - - 72° 50' 00"

If Mr. Smith's observations at Burhanpour was a- 72° 51 15 dopted 72° 22', then it would be in - 72° 55 00

If Mr. Howe's - 72 40, with an allowance of 8' 15" instead of 10' difference of lon.

The last point in Mr. Smith's route, is Poonah, and the longitude given for that, is 74°; or 1° 15′ east of Bombay. But as I have taken Bombay at 72° 40′, Poonah, to preserve its proportional distance, should be in 73° 55′; which I have accordingly placed it in; so that it stands in respect of Burhanpour only 2 minutes farther to the westward, than Mr. Smith places it. Its latitude is 18° 30′. Between Burhanpour and Poonah, Mr. Smith's map establishes some useful points, from which other routes may be laid off; such as Nusserabad, Chandor, Unkei-Tenki, Bahbelgong, and Nimderrah Gaut.

Poonah is the capital of the western Mahratta empire, and is situated about 30 miles on the east of the Gauts; 100 road miles from Bombay; and about 75 from the nearest sea coast. It is meanly built, and not large; and lies quite open and desenceless. Pooroonder, a fortress on a mountain, about 18 miles to the ESE of Poonah, is the place of refuge in case of invasion: there the archives of government are deposited; and there I believe the principal officers usually reside. Whenever an invasion has happened, the Mahrattas never thought Poonah a place worthy of desence; and have accordingly destroyed it with their own hands. In a state that can conveniently exist without a great capital, no doubt but that great advantages are gained, in war, by a release from such an incumbrance. An overgrown capital, full of rich inhabitants, and a kind of general depository of wealth, however pleasant it may be, as it respects polithed society, and the elegancies of life; yet from

the greatness of its extent, and other circumstances, incapable of defence; must be considered as a great political evil in a state: it is like a fortress that exposes its weakest part to the enemy, and points his attacks: and to pursue the allegory, there may be some danger of the garrison's facrisicing the interest of the empire at large, in order to preserve their own property, in the hour of assault. The Scythians, who were not chained to the soil, could never be conquered: and those who have no large capitals, stand in the next degree of security; all other circumstances taken into the case. If the question be considered, as it concerns morals, the objections are yet stronger: for the larger the capital, the greater will be the proportion of the population that is corrupted.

Amedabad, the capital of Guzerat, was the extreme point of General Goddard's marches to the northward, in the province of Guzerat. In the first section, a comparison was made between the scale and bearing of the map of General Goddard's marches in Guzerat, and those of the surveys taken between Surat and the Myhie river; and it was found to agree so well, that the line between Brodera and Amedabad might be very safely adopted. The bearing was N 36° W, and the distance 53,2 G. miles; giving for the position of Amedabad, 22° 58′ 30″ lat.; and 72° 37′ lon.; or 3′ west of Bombay. By M. Thevenot's account, the latitude is 23° and some odd minutes: and 23° by the Ayin Acbaree.

Amedabad is a very confiderable city, and succeeded Mahmoo-dabad, as capital of Guzerat. It is one of the best fortified cities of Hindoostan; and made a good defence when taken by General Goddard in 1780. On the peace of 1783, it was restored to its former possessor, the Poonah Mahrattas. Travellers have dwelt much on the beauty, and convenient situation of this city, which is in a level country and on the banks of a small navigable river, named Sabermatty; and which together with other confluent streams, falls into the head of the gulf of Cambay, near to the city of that name. Cambay, is indeed, the port of Amedabad, and is distant

distant from it about 56 road miles. It is a large city, and appears to be the *Camanes* of Ptolemy; although the gulf, which is now denominated from Cambay, had then its name from Barygaza, or the modern Baroach.

Aurungabad is a point of considerable importance to the construction of the western part of the tract in question; and although we have neither its latitude, longitude, nor distance accurately measured from any one point; yet the fort of coincidence that arises between a number of estimated routes, from 6 different places, in opposite directions, round it, impress a certain conviction of its being placed nearly in its true position. It will be necessary to particularize the principal of these routes. One of them regulates also the positions of Hydrabad, Beder, and Mahur; and is that of M. Bussy from Masulipatam. The copy from whence I have collected my ideas on the subject, is that included in the late Mr. Montresor's map of the southern part of India. As his map goes no farther west than Aurungabad, we may conclude that he has not altered the original bearing and distance, with a view to reconcile its situation to any other place to the north or west.

Masulipatam is already placed in the map, in lat. 16° 8′ 30″, lon. 81° 12′, on the authorities of Col. Pearse and Capt. Ritchie (see page 12). This is a city and port of trade, near the mouth of the Kistna river; and appears to be situated within the district named Mesolia, by Ptolemy. Between this place and Bezoara (or Buzwara) a fort on the north side of the Kistna river, M. Bussy's route allows only 36 G. miles; but as there is existing a map of Major Stevens's, which fixes the said distance at 40,3 G. miles, I have adopted it; and allowed M. Bussy's authorities to commence only at that point. Bezoara, so placed, is in lat. 16° 33′, and lon. 80° 39′. Then from Bezoara to Aurungabad, the bearing is given at W 35° 10′ N, 323 G. miles; producing 3° 6′ difference of latitude; and 264 of westing; or difference of longitude (in lat. 18°) 4° 38′. This would place Aurungabad in lat. 19° 39′, lone 11′. Bussy's

Buffy's (or rather Montresor's) whole distance from Masulipatam to Aurungabad, was 359.

Let us now examine what data we have to check this long line of M. Buffy's, from the fide of Surat, Poonah, and Burhanpour. The position of Surat has been just accounted for: and Noopour, a city on the road from Surat to Burhanpour, is by Goddard's route 59' of longitude to the east of Surat; or in lon. 73° 47' 15". And from this place to Aurungabad, Tavernier reckons 105 coffes; which, at 42 to a degree, is 150 G. miles of horizontal distance. Now, Noopour, Aurungabad, and Bezoara, lie as nearly as possible, in a right line, whose extreme length, is 475 G. miles. Tavernier's 150, added to Buffy's 323, make up 473; or the whole space, within 2 miles. But from the nature of a march of an army in a warm climate, great part of which, is often made in the night, it must necessarily require correction; in the bearing at least, and probably in the distance too. Nor can the 105 cosses of Tavernier, be expected to be even so correct as the march: it is therefore a matter of surprise that only so small a difference should have arisen. should be remembered that 4,3 miles were added to M. Bussy's original distance, between Masulipatam and Bezoara; so that the whole original error was 6,3; if we do not refer a share of it to Tavernier's estimated distance. It is proved in another instance by Major Gardner, in Peach's march from Ellore towards Warangole, that M. Buffy's geographer has given too little distance. This is probibly an error of the compiler, not of the surveyor; it being an error of a different kind from what might have been expected in the ordinary way of measuring distances with a perambulator \*.

The latitude of Aurungabad is inferred from its distance from Burhanpour given by Golam Mohamed † at 66 cosses; and as the

<sup>\*</sup> That long differences may be accurately measured by a perambulator, I need only mention that during the Bengal survey, I measured a meridian line of 3 degrees, with a perambulator, and found it to agree minutely with the observations of latitude. However, due allowance was made for the irregularities of the ground, whenever they occured. The country indeed, was flat the whole way.

<sup>†</sup> A sepoy officer sent by Col. Camac, in 1774, to explore the roads and country of the Deccan, and to gain intelligence concerning the Mahratta powers.

bearing is not far from meridional, we may state the difference of latitude at 1° 34'; which taken from 21° 19', the latitude of Burhanpour, leaves 19° 45', for that of Aurungabad\*. Now, M. Bussy's line, gives only 19° 39'; which is 6' too far southwardly, by this account. If 19° 45' be adopted, some further addition must be made to the line of distance from Bezoara; but it is too trissing a matter to require discussion. In effect, the longitude of Aurungabad by these data, will be 76° 2' 30"; lat. 19° 45'.

Two more lines of distance are given, from Nimderrah Gaut and Bahbelgong; two points in Mr. Smith's route, on the west and SW of Aurungabad. Nimderrah is in lat. 19° 12' 45", lon. 74° 54' 30": and Bahbelgong in lat. 20° 45', lon. 74° 51" 30". M. Anquetil du Perron furnishes these distances. That from Nimderrah to Aurungabad, he reckons 32 cosses; and that from Bahbelgong 243. Now, as the distance between Poonah and Nimderrah, is known, it furnishes a scale for the rest of his route. He makes this distance 34x cosses; but it is clear that he reckoned by some other standard than the common cois (possibly he reckons leagues and coffes the same, as we shall have occasion to remark in his route from Goa to Poonah) for the distance being 69,7 G, miles of horizontal distance between Poonah and Nimderrah, it should rather be  $48\frac{1}{2}$  coffes, than  $34\frac{1}{2}$ . However, taking his diffance for a scale, whatever the denomination may be, the distance between Nimderrah and Aurungabad, will be 64,7 G. miles; and that from Bahbelgong, 70,2. And the medium of these accounts give also, 76° 2' 30" for the longitude of Aurungabad.

There is yet another line of distance to Aurungabad, and that is from Nagpour; whose position is ascertained with precision. Two accounts of the estimated distance between them, collected by Lieut. Ewart, are, 162, and 165 cosses: the medium of which, 163½, at

<sup>\*</sup> M. D'Anville reckons the same difference of latitude between the two places, but he has placed both of them too far north by 24 minutes; following I apprehend, the latitude of Burhanpour, given in the Ayin Acharee.

42 cosses to a degree, is 233 G. miles of horizontal distance. This would place Aurungabad, admitting its latitude to be 19° 45′, in 75° 53′ 30″ or 9′ to the west of the other accounts. The result of the short distances, are doubtless to be preserved to that of the long ones; and I insert this last only to shew the extremes of the different accounts.

Lastly, if the distances from the 4 nearest points are taken; that is from Noopour 150 G. miles; Burhanpour 95; Nimderrah 64,7; and Bahbelgong 70,2: the medium of the intersections of these, will be in lat. 19° 44′, lon. 76°.

Although I have taken the latitude at 19° 45', as the distance from Burhanpour is so nearly meridional: yet the intersections of the other distances, point to its being in a lower latitude, by 4 or 5 minutes: in which case, its position would also be somewhat more westerly.

Upon the whole, I have placed Augungabad in lat. 19° 45′, lon. 76° 2′ 30″; and by what has been faid, it cannot be much out of its true place: but as it is a point of great importance in the geography of this part of India, it required particular discussion; being the centre of several roads; and the bearing of that long line, between it and Hydrabad, Beder, Calberga, &c. depending on it.

Aurungabad is but a modern city; owing its rife from a small town, to the capital of the province of Dowlatabad, to Aurungzebe; from whom also, it had its name. After the Deccan became a province, of the Mogul empire, it was reckoned the provincial capital; and continued to be so, after the Nizams became independant of Delhi; and until the encroachments of the Poonah Mahrattas, of late years, made it an uncomfortable residence to the Nizam. When the Deccan was first invaded by the Patan Emperors of Delhi, Deogire was the capital of the province of Dowlatabad, and was situated near the sortress of the same name; which is built on a mountain about 4 or 5 cosses to the NW of Aurungabad; and is deemed impregnable by the people of the country.

T 2 The

The Emperor Mahomed, in the 14th century, made an attempt to establish the capital of his Empire, at Deogire; and to that end almost ruined Delhi, in order to drive the inhabitants to his new capital, about 750 miles from their ancient habitations. This scheme, however, did not succeed: and was if possible the more absurd, as at that time, but a small progress had been made towards the conquest of the Deccan.

The pagodas of Elora are in the neighbourhood of Dowlatabad, most of which are cut out of the natural rock. M. Thevenot, who particularly describes them, says, that for two leagues together, nothing is to be seen but pagodas, in which there are some thousands of sigures. He does not, however, greatly commend the sculpture of them: and, I apprehend, they are of early Hindoo origin. We must remember that Deogire, which stood in this neighbourhood, was the greatest and richest principality in the Deccan; and that the same of its riches, incited Alla to attack it, in 1293: and these elaborate monuments of superstition, were probably the offspring of that abundant wealth, under a government, purely Hindoo.

M. Buffy's line includes within it, the positions of Hydrabad, Golconda and Beder. When the line is corrected as above, to Aurungabad, Hydrabad will be found in lat. 17° 24′; which I conceive to be too far to the northward, considering its reputed distance from Nagpour and Cuddapah. M. D'Anville too (in his Eclaircissemens) says that the latitude of Hydrabad is 17° 12′. How he came by his information, I know not; but I believe it to be nearly right: and this is the parallel it is generally placed in. A third circumstance tending to consirm this opinion, is, that the map of Col. Peach's march from Ellore to Warangole (in 1767) in which the distances were measured, and the angles of position taken by Major Gardner, places the latter only 37 G. miles from the position in which Hydrabad stands by M. Busy's line. It can hardly be deemed an impeachment of the general truth of a line

of 360 G. miles, measured after an army, that a position, in or near that line, should be 10 or 12 miles out of the supposed line of direction. It is conformable to my idea of the distances of Nagpour, Cuddapah, and Warangole, that Hydrabad should be in 17° 12′, rather than in 17° 24′; and I have accordingly followed M. D'Anville: giving the lines between it and Aurungabad on the one side, and Condapilly on the other, a new direction accordingly.

Although by proportioning M. Buffy's march from Bezoara, Hydrabad is placed in 78° 51' longitude; or only 114 G. miles from Bezoara, yet the different reports of the distance between these places, is much greater than the construction allows. For 114 miles will produce only  $87\frac{1}{2}$  coffes, according to the proportion of 46 to a degree (which is the refult of the calculation made on the road between Aurungabad and Masulipatam, page 4) whereas, one account from General Joseph Smith, states the number of cosses at 98; and another from a native at 103. Again, Col. Upton reckoned 1181 coffes between Hydrabad and Ellore, which the conftruction allows to be only 138 G. miles; or 1052 cosses according to the same proportion of 46 to a degree. So that I have either mistaken the longitude of Hydrabad, which is improbable, all circumstances considered; or the coss is even smaller than I have supposed. Or, the road leading through a hilly and woody country, is more crooked than ordinary \*: and the journals remark its being very woody, and thinly inhabited, between Condapilly and Hydrabad. Until we have the latitude and longitude of Hydrabad, or fome place very near it, we cannot be fatisfied with its prefent polition; for M. Buffy's line is too long, to be exact, without the aids of latitude to check it. The reputed distance between it and Nagpour, 169 cosses, agrees perfectly with its corrected parallel of 1/7° 12'.

<sup>\*</sup> General Smith's proportion of cosses to a degree, is 51-; Col. Upton's, 521; and the map by the native 55.

Hydrabad or Bagnagur, is the present capital of the Nizams of the Deccan; who since the dismemberment of their empire, have left Aurungabad, the ancient capital; which is not only in a corner of their dominions, but in that corner which lies near their hereditary enemy, the Poonah Mahrattas; and which is also the least desensible. About 5 or 6 miles to the W N W of Hydrabad, and joined to it by a wall of communication, is the celebrated fortress of Golconda \* occupying the summit of a hill of a conical form, and deemed impregnable. When Aurungzebe conquered the kingdom of Golconda, in 1687, this fortress was taken possession of by treachery.

The next primary point or station, and one of the most important. as being the farthest removed from any other given point, in the whole construction, is Nagpour; the capital of the eastern division of the Mahratta empire, and nearly in the centre of India. This last consideration, and the number of roads issuing from it to the circumjacent cities, most of which roads had their distances given by computation only, made the determination of this point a grand desideratum in Indian geography. Mr. Hastings therefore, with that regard to useful science and improvements of every kind, which has ever distinguished his character, directed a survey to be made of the roads leading to it from the western frontier of Bahar; and also from the fide of Allahabad. This was executed in 1782 and 1783, by Lieut. Ewart, under the direction of Col. Call, the Surveyor General. The result of this expedition was perfectly satisfactory. He began his measured line at Chittra or Chetra in Bahar, placed in 85° of longitude, and in lat. 24° 12', in my map of Bengal and Bahar; and his difference of longitude from thence to Nagpour, in lat. 21° 8′ 30", was 5° 16' west: by which Nagpour would be in 79° 44'. And from Nagpour back to Benares, in lon. 83° 13', in the same map, he made 3° 25' 10", difference of longitude, east;

<sup>\*</sup> The termination, conda, or kond, fignifies fortress, and often occurs in the south part of India; as cotta, and cote, which have the same fignification, do in the north. Gar is used in the same sense occasionally in every part.

which placed Nagpour in Ion. 79° 47′ 50″; or 3′ 50″ only, different from the other account; and this I suspect to arise partly from the error of his needle. If we close the account back again to Chittra, the place he set out from, he made only 4 minutes difference, in the distance out and home: and the road distance, was 600 B. miles from Chittra to Nagpour, only.

Taking the medium of the two accounts, the longitude of Nagpour will be 79° 45′ 55″, or 79° 46′. The observations for determining the longitude at this place, by Lieut. Ewart, do not accord with the above account, by a considerable number of minutes: therefore I have not inserted them here, in expectation that they may be compared with corresponding ones, taken at places whose situations are already ascertained.

As Mr. Ewart's route to Nagpour, was by way of Burwah, Surgoojah, and Ruttunpour: and from thence to Banares, by Gurry, the capital of Mundella, he afcertained the politions of those places, satisfactorily; and by that means added to the number of primary stations. The latitudes were constantly taken, in order to correct the route, in detail. Nor did his work end here: for his enquiries at Nagpour, furnish a number of estimated or computed routes from that capital to Burhanpour, Ellichpour, Aurungabad, Neermul, Mahur, Chanda, &c. that is, in every direction, except the SE; whence we may infer the state of that tract to be wild, uncultivated, and little frequented. And it appears by his intelligence, that the way to Cattack is unsafe in any direction farther south than Sumbulpour.

Nagpour, the capital of Moodajee Boonslah, the chief of the eastern Mahratta state, is a city of modern date; and though very extensive and populous, is meanly built, and is open and defence-less, save only by a small citadel, and that of little strength. The city is said, by Golam Mohamed, to be twice as large as Patna; but Mr. Ewart's account makes it but of a moderate size. Moodajee's principal fortress, the depository of his treasures and valuables, is

Gyalgur,

Gyalgur, called also Gawile, situated on a steep mountain, about 103 G. miles to the W by N of Nagpour. Each of the native Princes in India, has a depositary of this kind, and commonly at a distance from his place of residence: the unsettled state of the country making it necessary. The country round Nagpour is fertile and well cultivated, interspersed with hills of a moderate height: but the general appearance of the country at large, and particularly between Nagpour and Bahar, is that of a forest, thinly set with villages and towns. It is the western and northern parts of Moodajee's country, that produce the largest part of his revenue; together with the Chout, or proportion of the revenues of Ellichpour, &c. held by the Nizam.

Ruttunpour is a city lying in the road from Bahar to Nagpour, and is the capital, and refidence of Bambajee, who holds the government of the eastern part of the Nagpour territories, under his brother Moodagee. This place, also, has its position fixed very accurately by Mr. Ewart, in lat. 22° 16', lon. 82° 36'. This is a primary station of great use, as it regulates all the positions between Cattack and Gurry-Mundella; between Bahar and Nagpour. its corrected position differs only 3 miles from the former estimated one, collected from Col. Camac's observations and enquiries; it ferves as an additional proof, how much may be effected by a careful examination and register of the estimated distances on the roads: and this mode of improving the geography of India, may be adopted, when all others fail. An intelligent person should be employed in collecting such fort of information, as Mr. Ewart collected at Nagpour; from the principal cities in the least known parts of Hindooftan; at the fame time determining the position of such cities, by coelectial observations; by which means a number of fixed points would be established, from whence the computed distances might at once be laid off, and corrected. More could be done in this way in a short time, towards completing the geography, than most people people can easily conceive: and, I slatter myself, it will be foon adopted.

Agimere, Ajmere, or Azmere, is the primary point on which the geography of the N W part of the tract in question, rests; and is determined by the estimated distances from Agra and Burhanpour. An itinerary kept by John Steel, reckons 119 costs between Agra and Agimere: and Tavernier, who lest Agimere to the north, in his way from Amedabad, reckoned 100 costs from Bundersandry to Agra; and Bandersandry being 14 from Agimere, by Steel's account, we may take 114 for the whole distance, from Agra to Agimere. A map of Malwa and its neighbourhood, communicated by Mr. Bensley, places Agimere 180 G. miles to the west of Gwalior; and another map communicated by Mr. Hastings, gives the same distance. By the construction, sounded on Mr. Steel's 119 costs from Agra, and which produce 172! G. miles, Agimere is sound to be 10; miles short of the distance from Gwalior, in the above maps.

The parallel of Agimere is determined by Sir Thomas Roe's computation of the distance from Burhanpour to Agimere, through Mundu and Cheitore; and that is 222 cosses, or 318 G. miles: and the intersection of the two distances from Burhanpour and Agra, happens in lat. 26° 35′, lon. 75° 20′. This is the position of Agimere in the map: no great accuracy, however, with respect to its parallel, can be expected, where the authority is nothing more than a single line of distance, and that a very long one. The Ayin Acbarec is totally silent concerning its latitude and longitude. Col. Call, in a map of his, communicated by Mr. Hastings, places it in the parallel I have assigned to it; and allows it to be distant from Burhanpour, 307 G. miles, and 192; from Agra; on what authority, I know not. Theyenot gives its latitude at 26.

Agimere was the capital of the founds of the fame name, in Acbar's division of the empire, and is probably the Gagasmira of Ptolemy. It is built at the foot of a very high mountain, on the

TT

top of which, is a fortress of very great strength. It is about 230 miles by the road, from Agra, and yet the samous Emperor Acbar, made a pilgrimage on foot, to the tomb of a saint, there; to implore the divine blessing on his family, which at that time consisted only of daughters; but after this pilgrimage, he had three sons added to it. Jehanguire, his son and successor, occasionally kept his Court here; and this occasioned the visits of Sir Thomas Roe to this place; as well as to Cheitore, and Mundu, which lay in his way to it, from Surat.

Ougein can hardly be regarded as a primary station, as it effects the position of one place only; that is, Mundu. Col. Camac's tables place it 50 cosses from Bopaltol, a point in Smith's and Goddard's routes; and 89 from Pawangur, which is 14 coffes to the ENE of Brodera, in Guzerat. A Persian book of routes, obligingly communicated by Capt. Kirkpatrick, gives 108 coffes between Ougein and Brodera; or 5 more than Camac's account. This, together with some other routes from the Persian book, was translated for me, by Mr. David Anderson, whose services on the memorable occasion of negociating the Mahratta peace, in 1782 and 1783, claim the united acknowledgments of Great Britain, and Hindooftan. If we take the distance on the map, between Bopal and Brodera, through Ougein (which occasions a considerable bend in the line) it will be found to be 251 G. miles: and the computation of cosses being 158, the proportion will be about 38 to a degree; which is nearly the scale adopted for Malwa, in page 5. Having laid off 50 cosses for the distance of Ougein from Bopal, westward, by this scale; the parallel of Ougein is then obtained by its reputed distance from Mundu: concerning whose position, we have only the following information:

Sir Thomas Roe passed it in his way from Burhanpour to Cheitore and Agimere, in 1615; and reckoned it 66 cosses from the former, or 94 G. miles. For the direction of this line of distance, which appears to be about N by W, we have nothing more than

the general bearing and distance of Mundu from Ougein to guide us: the general longitude of Ougein, which alone concerns this part of the question, being obtained by means of the lines of distance from Bopal and Brodera. D'Anville gives the bearing line of Mundu from Ougein, at SSW, distance 31½ G. miles; and a MS. map of Col. Muir's has it S½ W 36. I have made the bearing S by W, and the distance 36 miles; whence the result will be, that Mundu is in lat. 22° 50′, lon. 75° 47′. Col. Muir's map places it in 23° 18, and M. D'Anville's in 23° 10′; but this is owing to his taking Burhanpour at too high a latitude, by 30 minutes.

The 50 cosses, or 86 G. miles, being laid off from Bopal, west-ward; and 36 miles northward from Mundu, give the position of Ougein in lat. 23° 26′, lon. 75° 56′. The Ayin Acharee takes no notice either of the latitudes or longitudes of Ougein or Mundu; although such ancient and famous cities. Col. Muir's map has the latitude of Ougein at 23° 56′, or 30′ to the northward of the assumed position of it, in the map. And D'Anville places it in 23° 39′.

The cities of Ougein and Mundu are both of great antiquity. The former appears evidently both as to name and position, in Ptolemy, under the name of Ozene. When the Ayin Acbaree was written, about 200 years ago, Mundu, (or Mundoo) was the capital of Malwa, and is described as a prodigious city, of 12 cosses, or 22 miles in circuit; and containing many monuments of ancient magnificence: but when it was visited by Sir Thomas Roe, in 1615, it was then fallen much to decay. It occupied the top of a very large and high mountain: few cities were ever placed in a bolder situation.

Ougein is the present capital of Madajee Sindia; who, with Tuckajee Holkar, possesses the principal part of Malwa. Holkar's capital is at Indore or Endore, a modern city, which is said to lie about 15 cosses from Ougein, westwards. This is a part of Hin-

U 2

dooftan, concerning which, we are but flightly informed; and Sindia wished to keep us in ignorance: for it is said, he expressed a disapprobation of the brigade from Guzerat, taking its route through Ougein, in its way to the Bengal provinces: so that the detachment returned, nearly by the same road as it went, as far as Sirong.

Having now discussed the manner of establishing the primary stations, or those principal points, on which the general construction of the geography of the tract under consideration, depends; I shall proceed to give the detail of the manner, in which the intermediate spaces were filled up: but so great a variety of matter offers, that I hardly know where to begin; nor is it a point of much consequence: however, to preserve as much regularity as the subject is capable of, I shall begin on the western side, near Bombay; then go round by the north and east; and finish in the south.

The road from Bombay to Poonah is taken from a MS. map, made during the unfortunate campaign of 1778-9: collated with Mr. Smith's, and General Goddard's. And all the particulars on the west of the Gauts, between Bombay and Surat, are also taken from General Goddard's map.

The road from Poonah to Nussergur (or Nusseratpour) and round to Soangur, was described by Messieurs Farmer and Stewart, during the time they remained as hostages in the Mahratta camp; and the particulars were obligingly communicated to me by Mr. Farmer. His map ascertains the situations of Casserbarry and Coondabarry Gauts; and, in particular, that of the city of Amednagur, once the capital of the soubah of the same name; but now better known by that of Dowlatabad. This city, which was the residence of the Emperor Aurengzebe, during his conquest of the Deccan and Carnatic, has generally been placed 50 miles to the south-east of its true position.

The road from Nimderrah Gaut to Aurungabad, and back to Bahbelgong, and thence by Chandor and Saler-Mouler, to Noo-

pour; is from M. Anquetil du Perron. Chandor occurs in Mr. Smith's route; as well as Unkei-Tenki, which we meet with in Tavernier, and helps us to join the routes together.

The fouth-east part of Guzerat is from a furvey taken by order of the Bombay Government, collated with General Goddard's marches; and establishes among other points, that of Brodera, a principal fortress and town, in the north-east part of the tract lying between the rivers Tapty and Myhie: through which the great road leads from Surat to Ougein. Brodera lies in lat. 22° 15' 30", lon. 73° 11'. The Ayin Acbarce reports that there was an avenue of mango trees, extending the whole way from Brodera to the city of Puttan; which may be 130 miles. The road to Amedabad, is entirely from General Goddard: and the country round about it, as well as the peninfula of Guzerat, owe their present appearance, to a MS. map of Governor Hornby's, communicated by Mr. Dalrymple. This map contains much new matter: and the Ayin Acharee affifts in discriminating the valuable parts of it. found the fite of Mahmoodabad; in its turn, the capital of Guzerat, and founded by Sultan Mahmood in the 11th century. The Ayin Acbarce describes the walls of it, as including a vast extent of ground; and speaks of it rather as an existing city, than as a place in ruins. This was in the latter part of the 16th century. Junagur or Chunagur, a city and fortress in the heart of the peninsula, and a subject of Ferishta's history, is likewise found in this map: but Nehlwarrah, one of the ancient capitals of Guzerat, and also the subject of the same history, I cannot trace out by name, either in this map, or in the Ayin Acbaree. I find however, in the latter, some notices respecting a large city in ruins; and whose situation agrees with my ideas of that of Nehlwarah. It is in the peninfula, at the foot of the mountains of Sironj; and the port of Gogo was dependent on it: whence I conclude by the lights afforded by hiftory, and by its latitude, given by Nasir-Uddin and Uleghez, at 22°, that it lies about 30 road miles NW of Gogo.

Many other positions are pointed out, or illustrated, by this map; which, I am informed, is the production of a native of Guzerat. After this account of its author, one might have rested satisfied with its containing a great variety of particulars, although not arranged in geographical order: but it is remarkable, that it gives the form of Guzerat with more accuracy, than most of the European maps can boast.

It does not however, clear up the ambiguity that has long existed, concerning the lower part of the course of the Puddar river: nor am I yet informed whether that river discharges itself into the head of the gulf of Cutch, by one channel; or whether it forms several channels, and discharges itself through the many openings that present themselves, between the head of the gulf of Cutch, and the Indus. One thing only, we are certain of by means of this map; and that is, that one large river (or branch of a river) falls into the head of the gulf of Cutch; and that it appears to be the same river that has its source in the SW part of Agimere, and which is named by Europeans, the Puddar. The river that opens into the head of the gulf of Cutch, is named in the MS. map, Butlass; taking its course by Sirowy, Palhanpour, and Radunpour (or Radimpour). The Ayin Acharee does not enumerate among the rivers of Guzerat, or Agimere, either the Puddar, or Butlass. It is more extraordinary that the Puddar should not be taken notice of, as the Ayin Acharee describes an extensive tract of low fenny land, on the west of Amedabad, and which was periodically overflowed by the mouth of a river; when that very river is what we name the Puddar. is certain that the name occurs only in D'Anville. Tavernier takes no notice of it, in his route from Amedabad to Agra, although he must have crossed it. Possibly the word Puddar, may be no more than an appellative; or may be the same as buddar, or budda, in Soane-budda and Ner-budda: and the proper name of the river, Butlass, might have been omitted.

The peninfula of Guzerat is about 200 miles in length, and 140 wide, formed by the Arabian sea (called by the Asiatics, the sea of Omman) and the gulfs of Cambay and Cutch; both of which penetrate far within the continent, as the dimensions of the peninsula shew. By the numcious subdivisions of this tract, and more by the fum of its revenue, in the Ayin Acharee, we are led to confider it as of very great importance, in the opinions of the Moguls. Surat too, that great emporium, fituated in its vicinity, had its share in raifing the value of the natural products of it, among which, cotton is the staple article. Being a frontier province, as it respects the access by sea, Guzerat contains a greater mixture of races, and a greater variety of religions, than any other province. The Ayin Acbaree fays, "From the liberality of his Majesty's (Acbar's) "disposition, every sect exercises its particular mode of worship, "without mole lation." What a happy change fince Mahmood, in the 11th century; whose principal delight was the destruction of Hindoo temples! The famous pagoda of Sumnaut, which was destroyed by Mahmood, stood within the peninsula, of which we have been speaking; and its particular site is pointed out by circumstances, in the Ayin Acbaree, and Ferishta. For the former fays, "Puttan on the sea shore, is also called Puttan Sumnaut." And the latter, "it was fituated upon the shore of the ocean, and " is at this time to be feen in the districts of the harbour of Deo " (Diu) under the dominion of the idolaters of Europe." This plainly refers to Diu, in the hands of the Portuguese: and the town of Puttan is about 30 miles on the NW of Diu; and on the sea shore.

Although the gulfs of Cambay and Cutch penetrate so deeply within the land, yet so far from rendering the sea smoother, or the navigation safer, they occasion such high and rapid tides, and are so thickly sown with sand banks, that sew places are more dangerous. The Bose, which means the stood tide rushing in suddenly, and forming a body of water, elevated many feet above the com-

mon furface of the iea; and of course levelling every obstacle that opposes it; rages here with great violence: covering in an instant the sand banks, which before appeared dry and firm. I have accounted for the terror with which Alexander's followers were struck, at the mouth of the Indus, from this dreadful phenomenon. (See the Introduction).

Capt. Joseph Price, had the misfortune to be carried up to the head of the gulf of Cutch, by pirates, who captured his ship, after a most gallant and obstinate defence, of two days; but was afterwards treated with great respect and tenderness, and permitted to depart by land, for Bombay. He accordingly traversed the Isthmus, to Gogo; and reports that the country in that track, is generally that; having only a few eminences, and those fortified. The soil is dry and sandy, as is common to Guzerat in general; for, as the author of the Ayin Acbaree says, the rain there, does not occasion mud. This may be inferred from the nick-name of Gherdabad, or dust-town, bestowed on Amedabad, by Shah Jehan.

The road from Amedabad to Agimere, by Meerta, is chiefly from a map constructed by Col. Call, and communicated by Mr. Hastings. To this I have added Tavernier's particulars of the road, as he travelled this way from Amedabad to Agra. I know not from whence Col. Call had his particulars, but they appear to be perfectly new. Tavernier's distance is enormous, according to the scale of the coss; but it is to be considered, that the road is very circuitous, and no less mountainous; so that no rule can well be applied, for reducing the road distance, to a straight line.

The positions of Agimere, Jaepour, and Ougein, have been already discussed, as well as the places situated in the line of Mr. Smith's route. The space included between these points, and which is chiefly situated in the soubah of Agimere, has undergone a very considerable improvement in its geography, since the publication of my last map; by the contributions of Mr. Hastings, Mr. Bensley, and Col. Popham. I know not who the authors of the

feveral maps in question were; they have, however, my acknowledgments for the assistance I have received from them: and I grieve to reflect, that some of the personages who furnished the most interesting matter towards the improvement of this work, have not lived to be witnesses of the success of their labours. The tract in question, includes among others, the provinces of Cheitore and Oudipour, subject to the Rana or chief Prince among the Reipoots; and the antiquity of whose house may be gathered, by the name Rhannæ appearing in Ptolemy, nearly in its proper position, as a province. The province of Agimere in general has ever been the country of Rajpoots; that is, the warrior tribe among the Hindoos, and which are noticed in Arrian, and Diodorus: and Cheitore or Oudipour (which I confider as fynonimous) is, I believe, reckoned the first among the Rajpoot states. The whole confists generally of high mountains divided by narrow vallies; or of plains, environed by mountains, accessible only by narrow passes and defiles: in effect, one of the strongest countries in the world; yet having a fufficient extent of arable land: of dimensions equal to the fupport of a numerous population; and bleffed with a mild climate; being between the 24th and 28th degrees of latitude: in short, a country likely to remain for ever in the hands of its present possesfors; and to prove the afylum of the Hindoo religion and customs. Notwithstanding the attacks that have been made on it, by the Gaznavide, Pattan, and Mognl Emperors, it has never been more than nominally reduced. Some of their fortresses, with which the country abounds, were indeed taken; but THE SPIRITS OF IN-DEPENDENT NATIONS, DO NOT RESIDE IN FORTRESSES; nor are they to be conquered with them. Accordingly, every war made on these people, even by Aurungzebe, ended in a compromise, or defeat, on the fide of the affailants.

Cheitore was the capital of the Rang in the days of his greatness. It was a fortress and city of great extent, situated on a mountain; but has been in ruins since the time of Aurungzebe in 1681: and

X had

had once before experienced a like fate from the hands of Acbar, in 1567. The position of this place is inferred from the account of Sir Thomas Roe, who made it 105 cosses from Mundu, and 51 from Agimere. From this I have been led to place it in lat. 25° 21', lon. 74° 56'. The different MS. maps, give its position more to the west; and indeed, one of them, so far as to throw it near the great road from Amedabad to Meerta. The cause of this, is a mistake in the difference of longitude between Agra and Guzerat, which has been reckoned too much in these MSS. placed as above, is only about 181 G. miles on the west of Narwah: Mr. Hastings's MS. map, gives this distance at 196; Col. Popham's at 195; Col. Muir's at 193; and a map of Malwa 231. All but the last, assign it the same parallel as Narwah: while my construction places it 19 minutes more southwardly: the map of Malwa, alone places it 18' fouth of Narwah. Mr. Hastings's copy agrees with the construction, in making it bear about SSW from Agimere; but shortens the distance about 6 cosses.

Rantampour, a very celebrated fortress in the Indian histories, is situated in the eastern quarter of Agimere, and has its position from the same MSS.: and in the SE quarter of the same soubah, many other noted fortresses and residencies of Rajahs, are extracted from the same MSS.; assisted by Col. Camac's tables of routes: such as Kotta, Boondi, Gandhar, Thora, Suisopour, Sandri, Mandelgur, &c. And in Marwar, or the north division of Agimere, Nagore, Bicaneer, Catchwana, Didwanah, Samber, &c. &c. The upper part of the courses of the Chumbul, Sinde, and Sepra rivers, appear now, for the first time, in some sort of detail; though it must be long, e'er the geography of parts so remote from our establishments and influence, can be in any degree correct: and the reader will pardon his being reminded, that the geography we are treating of, includes an extent equal to one half of Europe.

The Ayur Acharee has furnished some new ideas respecting the division of the fashed of Agimere. It consisted at that time of

three grand divisions, Marwar, Meywar, and Hadowty (or Nagore); and these contained 7 circars or subdivisions, Agimere, Chietore, Rantampour, Joudypour, Sirowy, Nagore, and Beykaneer (or Bicaneer). Marwar, as including the circar and fortress of Agimere, has grown almost synonimous with Agimere, in common acceptation. The extent of this province as given by the same book, is 168 cosses, or about 320 B. miles, from east to west; and 150 cosses, or 285 B. miles, from N to S: and its extent on the map, justifies this account. Such is the province of the Rajpoots: the grain cultivated there is chiefly of the dry kind; and from the indulgence granted to this tribe throughout India, namely, that of feeding on goat's flesh, we may infer, that the custom originated in this mountainous country. The taxes amounted (in the time of Acbar) to no more than a seventh, or eighth, of the produce of the harvest.

We come next to the Gohud and Narwah provinces, between the Chumbul and Sinde rivers. Much of this tract was described by Mr. Cameron, in a map communicated by the late Col. Camac: but even a province equal to one of the largest English counties, is lost in such a map, as the one under consideration. Beyond this, on the east and south-east, to the Betwah river, is filled up chiefly with Col. Camac's information. Between that river, and the Nerbudda, the Persian book of routes (see page 146) furnishes the road between Callinger and Bilfah, and becomes interesting by its leading through Sagur (the Sageda, of Ptolemy) a capital fortress and town, fituated on a branch of the Cane river, about 55 G. miles to the eastward of Bilsah. This route was also translated by Mr. Anderson. It gives only 78 cosses between Pannah (or Purnah, the famous diamond mine of Bundelcund, and supposed to be the Panassa of Ptolemy) which, I should apprehend, was a mistake; as the distance on a straight line, is 165 G. miles. Sagur, however, being stated at 26 cosses from Bilsah, a known point, does not sillow of being far misplaced, by an error in the scale.

X 2

Bilsah is placed by a route of Col. Camac's, leading from Sirong to Bopal; and being confined by these points on two sides, and by the routes of Goddard and Smith, on the others; it cannot be far out of its place. Bilfah, which is almost in the heart of India. affords tobacco of the most delicate kind, throughout that whole region; and which is diffributed accordingly \*.

Chanderee, and other places along the course of the Betwah, are either from Col. Camac's routes, or Col. Muir's map. Chanderee is a very ancient city, and within the province of Malwa. Ayin Acbaree fays, "there are 14,000 stone houses in it." now, like most of the ancient cities of Hindoostan, fallen into decay; but is still the residence of a principal Rajah. The routes in the central parts of Malwa, are from Col. Muir's map: Hindia, is from Tavernier, fupposing it was meant by Andi. It is astonishing how he could so far mistake the couse of the Nerbudda at that city, as to suppose it ran into the Ganges.

A Hindoo map of Bundela or Bundelcund, including generally the tract between the Betwah and Soane rivers, and from the Ganges to the Nerbudda; was obligingly communicated by Mr. Boughton Rouse, who also translated the names in it, from the Persian. This map points out several places that I had not heard of before, and affifts in fixing many others of which I had been partially informed.

The country between Mirzapour and the heads of the Soane and Nerbudda, was explored by Major William Bruce, who so eminently distinguished himself at the escalade of Gwalior in 1780.4.

<sup>\*</sup> A difference of opinion seems to have arisen among the learned, whether tobacco came originally from Asia or America. It was possibly indigenous to both continents. It is universally differentiated over Hindoostan, and China: and appears to have been in use so long, in the former, that it is not regarded as a new plant. It is there named Tamba-patra; that is the connect of connect of connect of the connect

torner, that it is not regarded as a new plant. It is there named \( \frac{amba-paira}{amba-paira} \); that is the copper, or copper coloured, leaf.

† The circumstances attending this capture are so very curious, that I cannot help inserting them here, though considered out of place. They are extracted from the printed account of GWALIOR, which accompanies a beautiful engraved view of that fortress, published in 1784.

The fortress of Gwalior stands on a vast rock of about 4 miles in length but among an another than the copy. The sides are so seep as to appear almost

During his expedition, he verified a fact which had been long doubted, though strenuously insisted on by the natives; (viz.) that the Soane and Nerbudda rivers had their common source from a pond, or lake, on the southern confines of the Allahabad province. These rivers do literally flow from the same lake; making, con-

perpendicular in every part; for where it was not naturally so, it has been scarped away: and the height from the plain below, is from 200 to 300 feet. The rampart conforms to the edge of the precipice all round; and the only entrance to it, is by sleps running up the side of the rock, desended on the side next the country by a wall and bastions, and farther guarded by 7 stone gateways at certain distances from each other. The area within is full of noble buildings, reservors of water, wells, and cultivated lind; so that it is really a little distance in tiels. At the N. W. foot of the mountain, is the town, pretty large, and well built; the houses all of stone. To have besieged this place, would have been vain, for nothing but a surprise or blockade could have carried it.

A tribe of banditti from the district of Gohud had been accustomed to rob about this town, and once in the dead of night had climbed up the rock, and got into the fort. This intelligence they had communicated to the Rana, who often thought of availing himself of it, but

was fearful of undertaking an enterprize of fuch moment with his own tree, s.

At length, he informed Colonel Popham of it, who tent a party of the robbers to conduct fome of his own fries to the ipot. They accordingly climbed up in the night, and found that the guards generally went to fleep after their rounds. Pophim now ordered ladders to be made, but with fo much iccrefy, that until the night of the furplize, a few Officers only knew it. On the 3d of August, 1780, in the evening, a party was ordered to be in readiness tolinarch under the command of Major Bruce; and Popham put himself at the head of z battalions which were immediately to follow the storming party. To prevent as much as possible, any noise in approaching or ascending the rock, a kind of shoes of woollen cloth were made for the sepoys, and stuffed with cotton. At 11 o'clock, the whole detachment marched from the camp at Reypour, 8 miles from Gwalior, through unfrequented paths, and reached it a little before daybreak. Just as Bruce arrived at the foot of the rock, he saw the lights which accompanied the rounds, moving along the rampart, and heard the centinels cough (the mode of fignifying that All is well, in an Indian camp, or garrison) which might have damped the spirit of many men, but served only to inspire him with more considence; as the moment for action, that is, the interval between the patting of the rounds, was no varietained. Accordingly, when the lights were gone, the wooden ladders were placed against the took, and one of the robbers light mounted, and returned with an account that the guard was retired to sleep. Lieutenant Cameron, the engineer, next mounted, and tied a rope ladder to the battlements of the wall; this kind of ladder being the only one adapted to the purpose of scaling the wall in a body (the wooden ones only ferving to ascend from crag to crag of the rock, and to affilt in fixing the rope ladder.) When all was ready, Major Bruce, with 20 sepoy grenadiers, ascended without being discovered, and squatted down under the parapet; but before a reinforcement arrived, three of the party had so little recollection as to fire on some of the garrison who happened to be lying asleep near them. This had nearly ruined the whole plan: the garrison were, of course alarmed, and run in great numbers towards the place; but ignorant of the strength of the affailants (as the men fired on had been killed outright) they suffered themselves to be stopped by the warm fire kept up by the small party of grenadiers, until Colonel Popham himfelf with a confiderable reinforcement came to their aid. The garrifon then retreated to the inner buildings, and discharged a few rockets, but soon afterwards retreated precipitately through the gate; while the principal Officers, thus deserted, assembled together in one house, and hung out a white stag. Popham tent an Officer to give them assurances of quarter and protection; and thus, in the space of two hours, this important and associating fortest was completely in our possession. We had only zo men wounded, and none killed. On the like of the enemy, Bapogee, the Mahratta governor was killed, and most of the principal Officers. were wounded."

jointly with the Ganges, an island of the southern part of Hindoo-stan: and slowing in opposite directions 1500 miles. The course of the Nerbudda river is ascertained, only in certain points where it happens to be crossed by any of the great roads here described: excepting only in the neighbourhood of Broach. All the intermediate parts are drawn from report. It is represented to be as wide at Hussingabad Gaut, as the Jumna is at Calpy: but fordable in most places, during the dry season.

We learn from Mr. Ewart that the Soane is named Soane-budda, by the people who live near the upper part of its course; as its fister river is named Ner-budda. The upper part of the course of the Soane is drawn in the same manner as the Nerbudda is described to be; and the fortress of Bandoo-gur, near it, is from the information of Mr. Ewart.

The data for the politions of Nagpour and Ruttunpour, are already given in page 142 and 144, in the discussion of the primary Many roads lead from each of these places; but two only were measured: one from Chittra in Bahar, through Ruttunpour, to Nagpour; the other from Nagpour, through Gurrah, to Rewah and Mirzapour, on the Ganges. The first, by determining several points, fuch as Surgoojah, Dongong, Kyragur, &c. enabled me to correct some of Col. Camac's estimated routes; and the latter, besides giving the position of Gurrah, the capital of Gurry-Mundella; affisted in settling Mundella, and Deogur. The estimated routes from Nagpour, were to Ellichpour, Burhanpour, Narnalla, Gawile (or Gyalgur) Aurungabad, Jaffierabad, Mahur, Notchengong, Neermull, Chanda, and Manickdurg; all collected by Mr. Ewart. All these proved very satisfactory; as they corresponded with the distances of the several intervals: and Nagpour being determined with the precision requisite for a general map, there is little doubt but that all the places between Bengal and Bombay, are placed within few miles of their respective positions: that ad--mitting

mitting the longitude of Bombay to be right, in respect of Calcutta.

Besides the routes collected by Mr. Ewart, Mr. Watherstone obligingly communicated his route from Huslingabad Gaut, on the Nerbudda, to Nagpour. He was fent thither on bufiness of the highest political importance, by General Goddard; whose army was then encamped on the banks of the Nerbudda, in the course of its celebrated march across the continent\*. His journey pointed out, among other particulars, the fource of the Tapty (or Surat river) whose spring is more remote than we had an idea of. rises at Maltoy, a town situated 42 cosses to the NW of Nagpour: fo that its couse, is full two thirds of the length of that of the Nerbudda. The distance between Hussingabad and Nagpour, is 100 cosses.

Ellichpour is a fine city, and was anciently the chief city of Berar proper; by which I mean to distinguish the province known in the Ayin Acbaree by that name: for our modern acceptation of Berar, includes the whole country between Dowlalabad and Orisia; the eastern part of which, was neither reduced by Acbar, nor even known, in particulars, to the author of the Ayin Acbaree. present, Ellichpour is the capital of a large province or district, subject to the Nizam; but paying a chout, or nominal fourth part of its revenues, to Nagpour.

Deogur, or Deogire +, was anciently a capital city, and the refidence of the Rajah of Goondwaneh; or, as he is called in the Ayin

Dowlatabad.

<sup>\*</sup> In justice to General Goddard's memory, I think it incumbent on me to observe that the author of the History of Hyder Ally (published in 1784) though seemingly inclined to compliment him, has depreciated the merits of the undertaking, by over-rating the numbers and quality of General Goddard's troops. M. D. L. T. states the thrength of the army at 8000; of which, says he, 1200 were Europeans. The truth is, that the detachment conflicted of 103 European commissioned officers, and 6624 native troops of all denominations; and without a single corps of Europeans. In the setuen from whence this was copied, the servants and followers of this little army, amount to no less a number, than 19,779: besides the based or market people, not included in the return: and these are estimated at 12,000 more; in all, more than 4 followers to each lighting man.

† This must not be confounded with a city of the same name, which stood near the Dowlandard.

Acbaree, the Goond Rajah; the Nerbudda being then the fouthern limit of Hindoostan. This province appears to be one of the most elevated in Hindoostan, seeing that the rivers Tapty, Bain, and Nerbudda, descend from it. Malwa, is unequivocally the highest; for there, the rivers descend in every direction.

Golam Mohamed's routes, being added to those collected by Mr. Ewart, contribute much towards the improvement of the map, in the interval between the measured lines by Mr. Ewart: and before we were favoured with that gentleman's most valuable materials (which entirely supersede the former, as far as they go) Golam Mohamed's contributed largely towards the geography of the country round Nagpour\*. These we owed to the late Col. Camac, who to his praise, employed a part of his leisure time, during his command on the western frontier of Bahar, in enquiries concerning the state of politics, government, geography, and nature of the countries included in the abovementioned tract: the geography of which, had till then, been very little known to us.

Sumbulpour or Semilpour, is determined by its reputed distance from Ruttunpour, and from 4 different points in the Bengal survey; from routes collected by Col. Camac. Unluckily, I had placed Sumbulpour in the map, as it now stands, before I had seen Mr. Ewart's papers; by which it appears to be 10 or 11 miles to the south-west of its true position; being in 21° 25' lat., and 83° 40' lon.; when it ought to be in 21° 34′ 30″, and 83° 46′ 30″. Had this new position been established on the same principle as Nagpour and Ruttunpour; that is, mathematically; I should not have scrupled to erase a large portion of the map, to gain so desirable an advantage and the error in this manner.

The active of estimated costs adjacen Barwas and Nagpour, was 196, and from thence to Aurungated 1651; total 3592. And the distance on the map is 5174 G. miles; or at the rate of 41,7 costs in a degree.

The distance of Sumbulpour from Ruttunpour, which is hardly affected by the new matter, is by one account \$3 cosses; and by another 56: the medium,  $54^{\frac{1}{2}}$  cosses, or 78 G. miles, is the distance adopted.

Sumbulpour is from		-	fin.	91 cosses
Brown and the second se	Raidy in Bahar	-		67
Section of the sectio	Beurah in Bahar		_	41

All these places being nearly in one line of direction from Sumbulpour, admit of a medium being struck between them: and this medium appears to be 66½ from Raidy, or 95 G. miles. The intersection of these lines of distances, from Ruttunpour and Raidy, is nearly at right angles; and they meet as is said above, in lat. 21° 34′ 30″, lon. 83° 46′ 30″. This position salls out 142 G. miles from Cattack; and Mr. Motte, who traced this road, togegether with the course of the Mahanada in 1766, made the distance 129: he also reckoned 51′ difference of latitude, and it appears to be 64½.

The lower road from Nagpour to Sumbulpour, through Raipour, is from Golam Mohamed; and the upper, by Dumdah and Soorangur, is Mr. Thomas's; communicated by Mr. Ewart. The lower rouse, which is checked, laterally, by the distance of Raipour from Ruttunpour, points out also the course and navigable part of the Mahanuddy, or Mahanada river. Arung is the furthest point to which it is navigable, from the sea. The upper road crosses the river, near the conflux of the Hutsoo river, which is also navigable, to Dungong. By the deviation of the road between Nagpour and Soonpour, from the true line of direction towards Cattack, it may be inferred that the country on the south of it, is either desert, or in a state of anarchy. We are however, not well informed on this point, but have every reason to suppose it; and the rather, as Mr.

Y

Thomas mentions Dewancole near Soonpour, as a retreat of banditti.

Soorangur, where the roads divide to Sumbulpour, and Soonpour, is the burial place of the late Mr. Eliott; who died on his way from Calcutta to Nagpour, in October 1778. At that crifis, when the fate of the British empire in India, hung suspended by a slender thread, this gentleman was sent by Mr. Hastings, on an embassy to the Court of Nagpour, which at that time, might be said to hold the balance of power, in Hindoostan. Zeal for the public good, prompted him to undertake a service of great personal danger; and which eventually occasioned his death. Mr. Hastings caused a monument to be erected to his memory, on the spot: and also commemorated his early genius and attainments, and no less early death, in some lines, which make part of an imitation of an ode of Horace \*. Soorangur is about 270 road miles short of Nagpour, and 470 from Calcutta; and lies out of the direct road.

I observed above, that Sumbulpour is misplaced; and this occafioned an error in all the places between Ruttunpour and Cattack. For the distance between Soorangur and Soonpour is too sinall; and between the latter and Cattack, too great; the Mahanada not making so deep a winding or elbow, between Boad and Sumbulpour, as Mr. Motte described, and as is represented in the map. Golam Mohamed reckoned only 137 cosses between Nagpour and Sumbulpour: but the construction will not allow of less than 157; which is a mistake not easily to be accounted for.

Boad, a fort near the Mahanada, is faid by Col. Camac to be 40 colles only from Gumloar, in the Ganjam district: by construction

An early scale was Errorr's deem,
I faw his opining virtues bloom,
And manly fenfe unfold;
Too foon to fade! I hade the flore,
Record his name 'midft hordes unknown,
Unknowing what it told.

Hor. Book II. Ode was

it is 46; which difference is probably occasioned by the mistake in the position of Sumbulpour. On the west of Boad, and near the Mahanuddy river, Mr. Thomas passed a town of the name of Beiragur; which I take to be the place noted in the Ayin Acharee, as having a diamond mine in its neighbourhood. There is indeed, a mine of more modern date, in the vicinity of Sumbulpour; but this whole quarter must from very early times have been famous for producing diamonds. Ptolemy's Adamas river answers perfectly to the Mahanuddy: and the district Sabaræ, on its banks, is said to abound in diamonds. Although this geographer's map of India, is fo exceedingly faulty, in the general form of the whole tract; yet several parts of it, are descriptive. When we perceive the head of the river just mentioned, placed among the Bundela hills, and Arcot thrust up into the middle of India; we ought to reslect, that Ptolemy's ideas were collected from the people who failed along the coast, and who described what they had seen and heard, without regard to what lay beyond it: and moreover, made use of too wide a scale; as commonly happens when the sphere of knowledge is confined, and the geographer works ad libitum, from the coast, towards the interior of an unknown continent. Whoever confults Ptolemy's map of India, should carry these ideas in his mind: that the construction of it is founded on three lines; one of which, is that of the whole coast, from the gulf of Cambay, round to the Ganges; a fecond, the course of the Indus, and the gulfs of Cutch and Cambay; and the third, the common road from the Panjab to the mouths of the Ganges. The objects within these lines, have a relative dependance on each line respectively; and are invariably placed at too great a distance within them: it therefore happens, that an object which should have occupied a place near one of the lines, is thrust towards the middle of the map; and this being a general cafe, places on opposite fides of India, are crouded together, as Arcot and Sagur (Sagura) are. At the fame time the central parts are wholly omitted; as being, in reality, unknown. Some

Y 2

may treat with ridicule, what I have said on the score of Ptolemy; but a work which has travelled down to us from the second century of our æra, must have possessed something worthy to recommend it, and to keep it alive: and, at least merits an explanation.

Mr. Motte's route along the Mahanuddy, was described from computed distances, and bearings by a compass. He also took the latitude of Sumbulpour, in a rough manner, and made it nearly the same as that of Balasore; that is, about 21 degrees and a half. The mouths of this river, which form an assemblage of low woody islands, like the Ganges, and many other rivers, have never been traced, but are described from report only. At the mouth of the principal channel, near False Point, is a fortisted island, named Cajung, or Codjung.

This brings us into the neighbourhood of the Chilka lake, which bounds the circars (or NORTHERN CIRCARS) on the north. This lake seems the effect of the breach of the sea, over a flat, sandy shore, whose elevation was something above the level of the country Pulicat lake appears to have the same origin. Both of them communicate with the fea, by a very narrow but deep opening; and are shallow within. The Chilka lake is about 40 miles in length from NE to SW; and in most places 12 or 15 wide; with a narrow flip of fandy ground, between it and the fear. It has many inhabited islands in it. On the NW it is bounded by a ridge of mountains; a continuation of that, which extends from the Mahanuddy to the Godavery river; and shuts up the circars towards the Continent. The Chilka, therefore, forms a pass on each 6de of it, towards the Cattack province. It is described from the observations of Mr. Cotsford, and of Capt. Campbell: though possibly the extent of it may be somewhat more than is given, towards the north. It affords an agreeable diversity of objects: mountains, islands, and forests; and an extended surface of water, with boats and final vessels failing on it. To those who tail at forme

me distance from the coast, it has the appearance of a deep bay; the slip of land not being visible.

The famous pagoda of Jagarnaut, lies a few miles to the cast-ward of this lake, and close on the sea shore. It is a shapeless mass of building: and no otherwise remarkable, than as one of the first objects of Hindoo veneration; and as an excellent sea mark, on a coast which is perfectly slat, and exhibits a continued sameness; and that in a quarter, where a discriminating object becomes of the highest importance to navigators. It has no claim to great antiquity: and I am led to suppose that it succeeded the temple of Sumnaut in Guzerat; which was destroyed by Mahmood in the 11th century. Possibly the remote situation, and the nature of the country near it, shut up by mountains and deep rivers, might recommend the spot, where Jagarnaut is situated: for we find Orissa was not an early conquest.

The circars are described from various authorities. struction of the sea coast has already been discussed in the first section. Our possessions in this quarter, extend no where more than 50 B. miles inland; and in some places, not more than 20; between the Chilka lake, and the Godavery river: and between this river and the Kistna, about 70 or 75. So that the circars form a flip of territory, bounded on one fide by the sea; and on the other, generally, by a ridge of mountains, that runs nearly parallel to it. Col. Pearse's line, runs entirely through this tract; and may be confidered as the foundation, on which a superstructure has been raised, by the labours of many different people. The district round Ganjam, known by the name of Itchapour, and which is one of the divisions of the Cicacole country; is drawn from Mr. Cotsford's very elegant map. The Tickly district, adjoining to it, on the fouth, is chiefly from Lieut. Cridland's furveys; and extends to Cicacole town (the Cocala of Prolemy). From Cicacole, to Visagapatam, including the country to the foot of the mountains, is taken from an old MS. map of Mr. Dalrymple's: and from thence

thence to Rajamundry, is taken from a map of Col. Forde's marches, collated with Montresor's large map, at the East India House. It is all along to be understood that Col. Pearse's line (corrected as in page 10) forms the scale of the parts in question. The remaining part of the circars; that is, between the Godavery and Kistna rivers, is chiefly taken from a map of that country, published by Mr. Dalrymple; the ground-work of which is composed of the late Major Stevens's materials. The routes to Joypour and Badrachillum, are on the authority of Mr. Claud Russell; and the position of the latter place, which is very near to the Godavery, accords with Mr. Montresor's idea, as expressed in his large map.

The Godavery river, or Gonga Godowry, (fometimes called the Gang in Ferishta's history) was, till very lately, considered as the fame with the Cattack river, or Mahanuddy. As we had no authority, that I can find, for supposing it, the opinion must have been taken up, on a supposition that there was no opening between the mouths of the Kistna and Mahanuddy (or Cattack river) of magnitude sufficient for such a river as the Gonga. It could not be for the want of space sufficient for the Cattack river to accumulate in, independent of the Gonga; for the distance is as great from the mouth of the Cattack river to the Berar mountains; as from the mouth of the Godavery to the Baglana mountains. The truth is, that no just account of these rivers, any more than of the Burrampooter, had then reached any European geographer. Succeeding enquiries and discoveries have made it certain, that the Godavery is the river that runs under Rajamundry, and falls into the fea between Coringa and Narsapour; and that the Cattack river rises in the Ruttunpour country. But the recent discovery (to Europeans) of the Bain Gonga, whose course is directly across the supposed course of the Gonga, (the name given to this compound river, whose head was the Godavery, and tail the Mahanuddy) clears up at once the ambiguity; if any there could be supposed to remain, after the discussion of the subject in the memoir of the map of 1782. The Goda-

Godavery has its fource about 90 miles to the NE of Bombay; and in the upper part of its course, at least, is esteemed a sucred river by the Hindoos: that is, ablutions performed in its stream, have a religious efficacy superior to those performed in ordinary streams. The Beemah is supposed to have similar virtues: nor are facred rivers by any means uncommon, in other parts of India. The Godavery, after traverling the Dowlatabad foubah, and the country of Tellingana, from west to east, turns to the south-east; and receiving the Bain Gonga, about 90 miles above the sea, befides many finaller rivers, feparates into two principal channels at Rajamundry; and those subdividing again, form altogether several tide harbours, for vessels of moderate burthen. Ingeram, Coringa, Yanam, Bandarmalanka, and Narsapour, are among the places situated at the mouth of this river; which appears to be the most confiderable one, between the Ganges and Cape Comorin. Extensive forests of teek trees border on its banks, within the mountains; and supply ship timber for the use of the ports abovementioned: and the manner of launching the ships in those ports, being very fingular, I have subjoined an account of it in a note \*. The Godavery was traced about 70 miles above its mouth; the rest of its course is described only from report; save only at the conflux of the Bain river, and in places where different roads cross it; un-

faunched in this manner.

The ship or vessel is built with her keel parallel to the shore; and, as it may happen from 200 to 300 feet from low water mark. When compleated, the is placed on two strong pieces of timber, called dogs (in the nature of a sledge of enormous dimensions) and on these, a fort of moveable cradle is constructed, to keep the vessel upright. Two long Palmyra trees, as levers of the second kind, are then applied to the ends of the dogs, and by means of these powers, they, together with the vessel that rests on them, are gradually pushed forwards over a platform of logs, until they arrive at the lowest pitch of low water; or as far beyond it, as the levers can be used. Tackles are applied to the ends of the levers, to increase the power: the fulciums, are wreaths of rope, sastened to the logs on which the vessel sides; and are removed forwards as she advances. Two cables from the land side, are fastened to the vessel, to prevent her from sliding too rapidly; and these are gradually let out, as she advances.

It is commonly the work of two days to transport the vassel to the margin of low water. If the tide does not rise high enough to stop the finite to the margin of low water. If the tide does not rise high enough to stop the finite way, and the same time, planges into deeper water. A ship of 500 was tas been sauched in this manner.

til we arrive at the part where M. Buffy's marches have described it, in common with other particulars.

The course of the Bain Gonga (or Bain river) as I have just observed, is quite a new acquisition to Geography; and we are indebted to the late Col. Camac, for it. This river, which has a course of near 400 miles, was not known to us, even by report, till very lately. It rises near the southern bank of the Nerbudda, and runs southward through the heart of Berar; and afterwards mixes with the Godavery, within the hills that bound our northern circars. This circumstance confutes at once the idea of the Godavery being a continuation of the Cattack river. I cannot find how far up the Bain Gonga is navigable; but it is mentioned as a very large river, in the early part of its course; and is probably equal in bulk to the Godavery, when it joins it.

There yet remains in the map, between the known parts of Berar, Golconda, Orissa, and the circars, a void space of near 300 miles in length, and 250 in breadth; nor is it likely ever to be filled up, unless a very great change takes place in the state of European politics in India: for we appear not to have penetrated beyond the first ridge of mountains, till very lately; when the discovery of the black pepper plant was made, in the districts of Rampa.

Beyond the great ridge of mountains (which may be 60 or 70 miles inland) and towards Berar, is a very extensive tract of woody and mountainous country, with which the adjacent countries appear to have but little, if any, communication. We may fairly suppose that to be a country void of the goods in general esteem among mankind, that does not tempt either their avarice, or ambition. Although surrounded by people who are in a high degree of civilization, and who abound in useful manufactures, we are told that the few specimens of these miserable people who have appeared in the circuits use no covering but a wisp of straw. We know not with any degree of certainty, how far this wild country extends within the great ridge of mountains, between the penalties of 17°

and 20°: but the first civilized people that we hear of beyond them, are the Berar Mahrattas. I think it probable that it may extend 150 miles, or more. However, a party of Berar Mahrattas found their way through this country, and the Bobilee hills, in 1754, (Orme vol. I. page 373) at an opening called Salloregaut, in the Cicacole circar. Our ignorance respecting this tract may well be accounted for, by its lying out of the line of communication between our settlements; and by its never having been the seat of any war, in which the Europeans have taken part. I suspect, however, that the tract in question, is either too desert, or too savage to be easily or usefully explored.

Between the Godavery and Kistna rivers, and on the north-east of Hydrabad, was the ancient country of Tellingana (or Tilling) of which Warangole (the Arinkill, of Ferishta) was the capital. The fite of this capital is still evident, by means of the old ramparts; which is amazingly extensive. A modern fortress is constructed within it; and is in the possession of the Nizam. Col. Peach marched by way of Ellore and Combamet, to this place, during the war of 1767; and the road was surveyed by Lieutenant, now Major Gardner. His horizontal distance from Ellore to Warangole was 134 G. miles: and the bearing, W 33 N\*. A note accompanying Major Stevens's copy of this route, fays, that the latitude of Warangole is 17° 57': and this bearing and distance accords with it. I am ignorant of the exact relative positions of Warangole and Hydrabad: Montrefor's map makes the distance between them 45 G. miles. My construction makes it 47, and the bearing of Warangole from Hydrabad NE by N. Montresor's bearing of Warangole from Ellore, is very faulty; and it is remarkable, that though there are several plans of this road, most of them differ widely, both in bearing and distance. Major Gardner's I apprehend, may be depended on.

 $\mathbf{z}$ 

<sup>\*</sup> His bearing is corrected by the compais of Col. Pearle's map, from which it differed 29 55.

The places round Warangole, are taken from a MS. map of Mr. Dalrymple's. Byarem, Culloor, Damapetta, &c. are all from MSS. belonging to the fame gentleman.

The road from Hydrabad to Nagpour, was communicated by Mr. John Holland. The distance is stated at 169 cosses; which agrees remarkably well with the interval on the map: and, as Nagpour is a fixed position, we may infer, that Hydrabad ought to be rather in 17° 12' than 17° 24' (see page 140). The two places bear nearly N and S from each other; and the whole distance, of course, is difference of latitude. A place named Indelavoy or Endelavoy (Indelyai, in Tavernier, and Thevenot) appears in this route, between the Godavery and Hydrabad: and Thevenot's route from Aurungabad to Hydrabad, falling in there, determines the direction of both roads; and also the positions of Indour, and Sitanagur; the latter being a famous pagoda in that part. Neermul, a city of note, belonging to the Nizam, also rises in this route; and is about 10 G. miles from the north fide of the Godavery, and about 132 from Nagpour. Mr. Ewart also collected fome routes between Nagpour, Necrinul, and Hydrabad: and a route by way of Chanda, appears in Mr. Orme's historical fragments of the Mogul empire. As one of Mr. Ewart's routes gives the position of this Chanda, (a confiderable city belonging to Nagpour, and about 70 G. miles to the fouth of it) we are enabled to lay down this road; which was marched over, by M. Buffy.

Another principal branch of the Godavery, is the Manzorah; a confiderable river which rifes in the country of Amedicagnic and after a circuitous course by Beder, joins the main after a circuitous course by Beder, joins the main after a circuitous course by Beder, joins the main after a circuitous course by Beder, joins the main and the second second

Many interesting positions at ite in the march of M. Bussy, between Hydrabad and Aurungabad, by the two roads of Beder, and Nander; and no less in the march from Aurungabad to Sanore. Beder is a fortified city, about 80 road miles to the N W of Hydrabad; and was in former times the capital of a considerable kingdom.

The road from Beder to Burhanpour, through Patris and Jaffierabad, is from M. Thevenot. It affifts in determining the position of Jaffierabad, a principal town on the NE of Aurungabad. The road from Nander to Nagpour, through Mahur, is partly from M. Buffy, and partly from Mr. Ewart; by whose account Mahur is 78 cosses, but by construction about 87, SW from Nagpour.

The road from Poonah to Beder, is taken from the journal of the late Col. Upton; who returned from his embassy, by the route of Hydrabad, and the circars, to Bengal. His journal has much merit, as being sull and descriptive of the countries he passed through; as well as of their respective boundaries: but he was unlucky in estimating his course; and it happens that we have no cross line to correct it.

The road from Aurungabad to Sanore-Bancapour, is taken from the map of M. Bussy's marches: and Sanore was the extreme point of his campaigns, that way. See Orme vol. I. p. 425. I could only take the bearing and distance, as I found them in the map: and it is a great defect, that in so considerable an extent, there should be no observation of latitude; that we know of. By the data, Sanore is placed in lat. 15° 39', Ion. 75° 44'; or about 117 G. miles E by N from Goa. There is nothing to check this position, from the Malabar fide: not even the number of computed coffes from Goa. However, let the matter stand as it may, with respect to the mathematical exactness of the question; had it not been for these marches of M. Bully (the only monument remaining to the French bations of their former short-lived influence and power in the Deccan) the geography of these parts, would have been extremely imperfect: but as they extend through more than 4 degrees of latitude, and more than 5 of longitude; they occupy not only the principal part of the Deccan, but by fixing the positions of so many capital places, and intersecting the courses of many rivers, tend to clear up many other politions.

Visia-

Visiapour (or properly Bejapour) is not so well ascertained as might be wished. Mandesloe, who travelled the roads himself, says, that it is So leagues from Dabul, on the coast of Malabar; and 84 from Goa; which, if meant of French leagues of 3000 paces, with an allowance of one in seven for windings, will give 142 G. miles from Dabul, and 149 from Goa: making Bejapour in lat. 17° 26′ 30″, lon. 75° 19′. P. du Val, who formed a map of Mandesloe's routes (a copy of which is in the British Museum) and probably had lights, besides what are furnished by the travels, to guide him; makes the distance between Dabul and Bejapour, greater than between Bejapour and Goa. And this I think likely to be the case, though contrary to what is said in the travels.

Tavernier reckons 85 cosses from Goa to Bejapour (or rather perhaps from Bicholim, the landing place on the continent) or 8 days journey: which 8 days, should be about 144 G. miles on a straight line; and agrees with what is said above. He says also, that from Bejapour to Golconda, the distance is 9 days journey, or 100 cosses more: but this account must be exceedingly vague; because Goa and Golconda are near 230 cosses as sunder, by the directest route; and Bejapour lies more than 40 cosses out of the line. Fryer reckons Bejapour 10 days journey from Carwar, or about 180 G. miles. Cæsar Frederick agrees with Tavernier in making it 8 days journey from Goa.

The Lettres Edifiantes make the latitude of Bejapour 17° 30'. I have placed it in lat. 17° 26' 30", lon. 75° 19'; that is, 149 G. miles from Goa; 142 from Dabul; 171 from Carwar; and 203 from Golconda. At the same time, I think it probables that it may not be within 20 miles of its true position. The particulars of the roads leading to it from Dabul and Goa, are from P. du Val's map. Bejapour is a considerable city, and was once the capital of a large language of the same name. It is now in the hands of the Poonali Manager.

The travels of M. Anquetil du Perron from Goa to Poonah, have furnished some useful matter towards filling up a part, that has long remained almost a perfect void, in the maps of India. His route crosses that of Mandesloe, described by P. du Val, at a place named Areek or Areg, a few miles from the north bank of the Kistna, and on the road between Dabul and Visiapour; and thus, fortunately, enables us to join his route with Mandesloe's, with some degree of certainty. M. Anquetil speaks of cosses and leagues, as fynonimous terms; and reckons 40½ of these from Vaddal, at the western foot of the Gauts, and about 12 cosses (or leagues) SE or ESE from Goa, to Areg: and 512 more from Areg to Poonah. Now the distance from Vaddal to Areg, cannot be supposed less than 100 G. miles of horizontal distance; and from Areg to Poonah nearly the same: so that one can hardly tell how to denominate his itinerary measure; which is about 2 G. miles and a fixth in horizontal measure. On the road from Poonah to Nimderra (in page 138) we have observed the same deviation from the standard of the itinerary measures of the country; for on that road, his coffes turn out exactly 2 G. miles each, on a straight line. It should be a rule for every traveller to use, not only the measures, but the denomination of the country he passes through; for then we are likely to possess a better scale, than his judgment can furnish us with. This will be understood to apply to computed , distances only. I have proportioned M. Anquetil's distances, as well as I could, confistently with the supposed situation of Areg, in respect of Visiapour; which latter place, was the primary station in this case.

His route from Goa to the Kistna, is so far on the ordinary road to Visiapour, by the Ponda Gaut. The route from the crossing place of the Kistna to Poonah, gives a general idea of the upper part of the course of that river; and also points out nearly the situation of Sattarala, the capital of the Visitarata state, during the time of the Rajahs of Sevagee's line. This place appears, by the propor-

tioned distance of M. Anquetil's route, to be about 38 G. miles (horizontally) nearly S by E from Poonah. A native of this place informed me that Sattarah was reputed to be 30 cosses (or about 43 G. miles) S E of Poonah. I have no doubt but that M. Anquetil's route may be relied on, for the distance. It is to Mr. Orme's historical fragments before-mentioned, that I am indebted for the knowledge that M. Anquetil's book contained any such matter. I lament exceedingly that he had not a compass with him, with which he might have taken the bearing of the road between Goa and Aurungabad: for in a quarter where geography is so bare of materials, that every notice of the kind is received with avidity, that gentleman had a fair opportunity of distinguishing himself in this way; as he may be said literally to have trod a new path.

The notes to Mr. Orme's historical fragments afford some notices and suggestions, that have been of service to this work. The general situation of Pannela, so much celebrated in the history of Sevagee, is placed conformable to his suggestion, in the same book. I have also followed him, in supposing the Atoni of P. du Val, to be Huttany, once an English factory in the heart of Visiapour. Hubely, another factory, is said by Fryer to be 6 days journey from Carwar: and by his manner of expression, I infer it to be situated on the road to Visiapour. It is in the same place that Fryer says, that Visiapour is 10 days journey from Carwar.

Naldorouk, Malkar, Sakkar, Kandjoly, and other places in the Deccan, are also from Mr. Orme's book; which points out the source of the Kistna river to be on the N W of Sattarah; and it cannot be far from it, as the Gauts, or Indian Appenine, lie so close to Sattarah; and the Kistna is known to spring from the east side of that ridge.

Raolconda, a famous diamond mine, is placed in Mr. Montresor's map, about 15 G. miles to the west of Ralicotte, and 12 from the north bank of the Kistna; but I know not on what authority

Taver-

Tavernier, who visited Raolconda, gives its distance from Golconda at 17 gos, of 4 French leagues each. Tavernier mentions his crossing a river that formed the common boundary of Golconda and Visiapour, about 4 gos, or more, before he came to Raolconda. This river can be no other than the Beema, which, to this day, forms the eastern boundary of Visiapour; and passes about 80 or 82 G. miles to the west of Golconda, crossing the road from it to Ralicotte: and if we reckon the 82 miles, 13 gos; that is, forming a scale from the distance between Golconda and the river Beemah; each gos will be 6,3 G. miles in horizontal distance (or nearer 3, than 4 French leagues) and Raolconda will be placed about 25 G. miles on the west of the Beemah; or 11, east of Ralicotte.

If we take the gos at 4 French leagues, without regarding the proportion arising from the above calculation, it will bring Raol-conda very near the situation assigned it by Montresor. But I have nevertheless adopted the former, thinking it, on the whole, the most consistent.

Cæsar Frederick says that the mines (Raolconda) are six days journeys from Bisnagur: but this will apply equally to either of the above positions.

The general course of the Kistna river from the sea to Bezoara, is chiefly taken from Major Stevens's maps, communicated by Mr. Dalrymple. From thence, to Timerycotta is from Montresor, collated with Capt. Davis's sketch of Guntoor, &c. and a French MS. map. From that place to the conflux of the Tungebadra, it is drawn only from report, and in the form it is usually done, in the maps that include its course. From the mouth of the Tungebadra to Gutigui, or Catigui, its course is drawn in a French copy of M. Bussy's marches; and I have corrected it in two places by General Joseph Smith's journal. Above Gutigui, its course is marked in certain places, by the roads that cross it; particularly those travelled by M. Anquetil du Perron: but upon the within

70 miles of the sea. General Joseph Smith remarks, that the Kistna was fordable both above and below the conflux of the Beemah river, in the month of March: and that a few miles below the mouth of the Beemah, its bed was 600 yards wide, and exhibited an uncommon appearance, from the number and diversity of the rocks in it.

The Kistna and Godavery rivers, however remote at their fountains, approach within 80 miles of each other, in the lower parts of their course; and form an extensive tract of country, composed of rich vegetable mould, fuch as is usually found at the mouths of large rivers. Here we behold, on a smaller scale, the same economy that is observable in the agency of the Nile and Ganges, in forming the DELTAS of Egypt and Bengal; by means of the finer particles of earth, that are fwept down by those vast rivers, and their branches, in a course of more than 2000 miles. Those who have been on the spot, and reason from analogy, in this case, will readily suppose that the whole, or the greatest part of the tract, included between Samulcotta and Pettapolly (about 150 miles in length along the sea shore, and from 40 to 50 wide) is in reality, a gift of the two rivers, Godavery and Kistna. The same appearances indeed, may be observed at the mouths of the Cattack and Tanjore rivers; but the two rivers in question, by draining a much greater extent of country (that is, from the 15th to the 21st degree of latitude) have collected materials for a greater quantity of new land. Within this new formed land, and about midway between the Godavery and Kistna, the soil forms a hollow space; which in its levelt part, is a lake at all factors; and in all the other parts, an extensive interestion, daring the leason of the periodical rains; being then a lake of 40 or 50 miles in extent. This is called the Colair lake; and its origin may be referred to the same -cause, as that which produces the lakes and morasses of the Egyptian and Bengal deltas: which is, that the deposition of mice by the two rivers (or the two branches of one river) at the time when they

they overflow, is greatest near the banks: for the farther the inundation flows from the margin of the river, the more of its earthy particles will be deposited in its way; and the less will remain for the distant parts; which therefore cannot be filled up to the level of the ground, nearest the bank of the river: and thus the ground will acquire the form of an inclined plane, from each river bank towards the interior part of the country, where a hollow space will be left: but it may be expected that when the rivers have raifed their banks, and the adjacent country, to the greatest possible height, which is that of the periodical flood (and the ground can be raised no higher) the subsequent inundations will find their way into the hollow space, from the lower part of the river; and will gradually fill up with mud, the part of the lake that lies towards the fource of it: and as the new land continues to encroach upon the fea, the lake will travel downwards in the fame proportion. For the natural course of things, is, that when the new lands that are thefurthest removed from the sea, are raised as high as the agency of the waters will admit, that portion of the mud that canhot be deposited above, is carried lower down to raise other lands; or to lay the foundation of new land, further out: and thus the regular declivity of the channel is preserved. All lands subject to inundations, must continue to rise; because the water of the inundation deposits, at least, some portion of the earthy particles suspended in it to but there must be a certain point of elevation, beyond which no dalta or meer banks can rife proceed discessive point in the course of a pirate probability of the proceeding one. As to the Nile, its banks will admit of being raifed, throughout the whole Said, as well as lower Egypt; the cataracts being fo much elevated above the lower part of the river: and Egypt allo differs in another particular, from India, in that no rate fully there to wash away the light parts of the full interior week, before inundation: whereas, the heavy mins of Bengal, previous inundation, must reduce the level of the elevated grounds.

A a con-

contribute partly towards filling up the hollows: and no small proportion of what is deposited in one season, will be carried lower down, or into the sea. So that the progress of raising the lands, must have been more rapid in Egypt than in any of the moister regions.

It appears to me that the gentlemen who have lately reasoned so ingeniously on the increase of the delta of the Nile, have omitted a circumstance of considerable moment, as it respects the length of the periods required to form given quantities of new land in; or to elevate the old to a certain degree. We never fail to remark on a survey of the naked summits of mountains, that the rain has in a course of ages, washed away the earth that covered them: or in other words, that there is a progressive motion of the siner particles of earth, from the mountains, towards the vallies. Admitting this to be true, and that the stores of sine earth are not inexhaustible; the longer the rivers continue to run, the less quantity of earth they must carry away with them: and therefore, the increase of the deltas, and other alluvions of capital rivers, must have been more rapid in early periods of the world's age, than now.

After this long digression, it would be unpardonable in me to omit an account of a plan proposed by my ingenious friend Mr. John Sulivan: which was, to open a communication at all seasons, between the Colair lake and its parent rivers, with a view to the improvement of the adjacent lands (which form a part of the Circars) and of the inland navigation. It appears that an imperfect channel already exists, between the lake and the Godavery river; as well as the traces of an unfinished one towards the Kashara and which this centures. This cheme, which appears to be practicable on easy terms, has never the adopted: the proposal was made early in 1779: and for the particular adopted: the proposal was made early in 1779: and for the particular of the proposal was made early in 1779: and for the particular of the proposal was made early in 1779: and for the particular of the proposal was made early in 1779: and for the particular of the proposal was made early in 1779: and for the particular of the proposal was made early in 1779: and for the particular of the parti

To return to the subject of the Memoir. The Beemah river is known to be a principal branch of the Kistna, coming from the NW, and joining it near Edghir. It rises in the mountains, on the north of Poonah, probably not far from the sources of the Godavery; and passes within 30 miles of the east side of Poonah, where it is named Bewrah, as well as Beemah; and is also esteemed a facred river. General Smith crossed this river, when accompanying the Nizam from Hydrabad towards Mysore, in 1766; about 10 miles above its junction with the Kistna, where it was fordable.

The Visiapour river is a branch of the Beemah, and is named Mandouah, by Mandesloe.

The mountains named the Gauts, Gattes, or Indian Appenine, and which extend from Cape Comorin to the Tapty, or Surat river; occupy, of course, a part of the tract, whose construction is discussed in this section: but I shall reserve a general account of the Gauts, for the next fection; which treats of the peninfula in general, and of the Gauts, as included in it. This celebrated ridge does not terminate in a point or promontory, when it approaches the Tapty; but departing from its meridional course, bends eastward, in a wavy line, parallel to the river; and is afterwards lost among the hills, in the neighbourhood of Burhanpour. In its course along the Tapty, it forms several passes, or descents, (that is, Gauts, according to the original import of the word, which means a landing place) towards that tiver; whence the country into which the passes descend; was originally named Candeils, or the low country. It would appear, that the ridge aboves of its great height, after passing the parallel of Basseen, northward; for Mr. Farmer, in his way from Poonah towards Naderbar, observed that the passes had all a descent northward; forming as it were, a feries of fleps, until he landed in Candrida wille was then hoftage with Madages Andis a whole the growth Mahratta army han Contrat, against Contral Goddard.

The country inclosed by this bend of the Gauts, is named Bag. lana, or Bocklana; and extends the whole way from the Tapty river to Poonah. It is mountainous, of course; and contains in it, many strong fortresses. Among these, were Rairee and Jeneahgur, the strong holds of Sevagee, in the last century: but I cannot trace out their positions. It is surprising, considering how long the English have had settlements at Bombay and Surat, that there should be no map, or other record, descriptive of the geography of Baglana; or of any part of the tract between Bombay and Aurungabad. The routes of M. Anquetil du Perron, and of Mr. Farmer, together with Mr. Smith's line, have described the roads leading from Poonah to Noopour, and Burhanpour: but all on the west of these lines, is a blank, for an extent of 100 miles in width. and 150 in length: even the position of Nashick-Trimuck, a celebrated place of Hindoo worship, on the NE of Basseen, is not well known; and M. Anquetil du Perron's account of its position, in respect of some points in his route from Poonah to Surat, is not satisfactory. It is situated near the springs of the Godavery; and they must be on the east side of the Gauts, and nearly on a parallel with Bahbelgong.

Some general information respecting the situation of the Teek sortes, and is the extens of the Gauts, between Basseen and Surat, was obligingly communicated by Mr. Hunter of the East India Direction; and by Mr. Holmes. The Teek forests, from whence the marine yard at Bombay is furnished with that excellent species of same interest lie along the western side of the East India of Basseen; lie along the western side of the East the marine of Basseen; the numerous rivulets that descend from them, affording water carriage for the timber. I cannot close this account without sentarking the unpardonable negligence we are guilty of, in delaying to hatched Teek ships of war for the use of the Indian seas.

They might be freighted house, without the ceremony of regular equip-

equipment, as to masts, sails and furniture; which might be calculated just to answer the purpose of the home passage, at the best feason: and crews could be provided in India. The letter subjoined in a note, and which was written with the best intentions, 9 or 10 years ago, will explain the circumstances of the case \*. Teek ships of 40 years old and upwards, are no uncommon objects in the Indian seas: while an European built ship is ruined there, in 5 years. The ships built at Bombay are the best, both in point of workmanship and materials, of any that are constructed in India: and although 4th rates only are mentioned in the letter, there is no doubt but that 3d rates may be constructed; as there is a choice of timber. The Spaniards build capital ships in their foreign settlements. The East India Company have a Teek ship on her fourth voyage, at present; which ship has wintered in England: therefore any objection founded on the effects of frost, on the Teek timber, is done away.

Rengal produces iron and hemp; and the neighbouring forests, pine masts: nothing is wanted to bring all these into use, but a fit opportunity, and proper encouragement.

August 20, 1778.



of ships built of European timber, is, in the East Indies: and, on the contrary, how durable the ships are that are built of the wood of that country, namely, the Teek: which may not improperly be styled Indian Qak. The number of ships of war that were tained in those seas, during the late war (1757 to 1762) may be admitted as a proof of the former remark; and the great age of the ships built in India, may serve to prove the latter. What I mean to infer from this, for your Lordships use, is, that ships of war under third rates, may be constructed in India; and with moderate repairs, last for ages: whereas, a ship of european construction can remain there but a very sew years: to which disadvantage, may be added, that of losing, in the mean time, the services of the ships that are sent to relieve the worn out ones.

Reneal produces from and bemp; and the neighbouring forests, pine masts: nothing is

## SECTION V.

The Countries contained in that Part of the Peninsula, lying on the South of the Kistna River.

THIS tract, which in extent is not a fifth part larger than the Bengal provinces; yet, by its political divisions, by the talents and ambition of its Princes, and moreover, by their being stimulated by the different European powers, whose mercantile views led them thither; it has furnished of late years, more matter for speculation and history, than perhaps, all the rest of the Mogul empire put together \*. But although it has been the theatre of repeated wars between the Europeans and the natives, as well as between the Europeans themselves; yet so ample a supply of geographical matter has not been supplied, as by the wars and negociations in the north. The geography of some of the western parts of the peninsula, are as little known to us, as that of the central parts of Hindoostan.

<sup>\*</sup> It is lamentable to a feeling mind to reflect how large a portion of their mileries, the unhappy natives of the Carnatic owe to the English: I mean from the insufficient protection effortied; them, at the commencement of the war of 1780. The saying of the eld woman to Philip, "Be no commencement of the war of 1780. The saying of the eld woman to Philip, "Be no commencement of the war of 1780. The saying of the eld woman to Philip, "Be no commencement of the war of 1780. The saying of the eld woman to Philip, and the commence has been employed in describing the veretched state of the inhabitants of Bengal; when, in reality, they are to be classed among the happiest nations throughout Asia. Poets deal in section: but a plain tale of wow will best describe the sufferings of the helples inhabitants of the Carnatic, during Hyder's invasion. And here I cannot refuse a tribute of applause to the character and abilities of the Nobleman, who assumed the government of Madras, at a period when the British interests could hardly be said to have an existence in the Carnatic: Hyder having nearly the entire possession of the whole country. I cannot express my opinion of this Nobleman's character, in a more forcible manner, than by regretting that such the public.

The figure of this tract is a triangle, of which the course of the Kistna river forms the base, and the coasts of Coromandel and Malabar, the sides. Its extent from the Kistna to Cape Comorin, which forms the apex of the triangle, is about 600 British miles; and its breadth, in the widest part, is about 550.

The construction of the sea coasts, has been already described in the first section; and that of the course of the Kistna river, in the latter part of the fourth.

Madras, or Fort St. George, as has been observed (in page 13) lies in lat. 13° 5', lon. 80° 25'; and close on the margin of the sea. It is the principal settlement of the British East India Company, on the east side of the peninsula; and is a fortress of very great strength, including within it a regular, well built city. as it was impossible to fortify and garrison, in an effectual manner, a city of fuch extent as the political and commercial consequence of Madras, must give birth to; there is a second city, separated from Madras, by the breadth of a proper esplanade only; and although near four miles in circuit, is fortified in fuch a manner, as to prevent a surprise from the enemy's horse; an evil to which every open town in the Carnatic, is subject; from the dryness and evenness of the country. Madras was fettled by the English about the year 1640, and was hardly defenfible, until the destruction of Fort St. David in 1758, pointed out the necessity of it. It is now perhaps, one of the best fortresses in the possession of the British nation: and although not of so regular a design as Fort William, yet from the greater facility of relieving it by fea, and the natural advantages of ground, which leaves the enemy less choice in the manner of conducting his attacks; it may on the whole be deemed at least equalto it.

Madras, in common with all the other European fettlements on this coast, has no port for flanguing, the coast forming nearly a straight line; and it is also recommond with a high and then gerous furf \* or wave, that breaks upon it; and induces the neceffity of using the boats of the country, to land in. These are of a singular construction; being formed without ribs, or keel; with slat bottoms, and having their planks sewed together: iron being totally excluded throughout the whole sabrick. By this construction, they are rendered slexible enough to elude the effects of the violent shocks which they receive, by the dashing of the waves, or surf, on the beach: and which either oversets, or breaks to pieces, a boat of European construction. No port for large vessels occurs between Trinkamaly and the Ganges: that is, in an extent of 15 degrees: so that the comparative proximity of the former, to Madras and Pondicherry, renders it a capital object, both to the English and French.

The Company's lands (or Jaghire +) extend from Madras to the Pullicate lake, northward; and to Alemparvé, fouthwards: and west-ward, beyond Conjeveram: that is, about 108 B. miles along shore, and 47 inland; in the widest part. This whole tract hath had a regular survey: and Mr. Pringle, who surveyed the marches of the army under Sir Eyre Coote, during the late war, has ascertained some interesting geographical positions, beyond it; and by this means extended very considerably, the dimensions of what may be called the surveyed tract: so that we are enabled, with a little adventitious help, to fill up with tolerable accuracy, all the country between the parallel of Pullicate northward, and Cuddalore, southward; bounded on the west, or inland side, by a line drawn from Cuddalore through Arnee, Velore, and Chittoor; and eastward by the sea. The whole of this tract is a triangular space of 106 G. miles in longth, by or wide.

The reader will find in my friendiller. Marden's very excellent history, of Sumatra, an account of the Surr: a phenomenon which I do not recollect over to have feen discussed in a philosophical manner, in any former treatife. The action will be found in page 28, to 33, the The treatife in the action of the sum of the

the positions of Portonovo, Sautgud, and Amboor are obtained; which last may be considered as the westmost point determined with accuracy, any where to the north of Tritchinopoly: and Amboor is only one sourth of the whole distance across the peninsula. I cannot find that the road to Colar, was measured, during the campaign of 1767.

Arcot is found to be nearer to Madras than was before supposed. I have fixed it by a series of triangles, by means of Wandiwash, Narnaveram, and Sholingur hills; and a base, surnished by the Jaghire map; at 56,6 G. miles, in horizontal distance, from Madras; and about 13' 30' south of its parallel; whence, its latitude will be 12° 51' 30", lon. 79° 28' 15". I do not know that its observed latitude is recorded any where. Mr. Pringle's map makes its distance from Madras 57,9; and M. D' Anville 58,2 in his MS. of positions: and another French MS. map, 59,1.

Arcot is reckoned the capital of the Carnatic; and must be a place of great antiquity, by its being taken notice of by Ptolemy, as the capital of the Sora, or Sora-mandalum; from whence corruptly Choro-mandel. It is a pretty large city, and its citadel is esteemed a place of some strength, for an Indian fortress. The defence which it made under CLIVE, in 1751, established the military same of that illustrious nobleman; whose soibles exposed him to the attacks of enemies, who were better qualified to observe his defects, than to imitate him in the higher parts of his character: to which posterity will do ample justice, when it is placed beyond the reach of the envy of cotemporaries: and when his soibles will be as little remembered, as the malice of his enemies.

The position of Velore, is from Mr. Pringle's distance, corrected by the bearing of Sholangur hill. In his map of Coote's campaigns, he has given too much distance between Arcot and Velore: for it is 17 B. miles in the map, and only 15 by the road; in the tables. Also, between Conjecture and Door the said distance exceeds the

BB

horizontal distance, by three-fourths of a mile only; in 26; miles. These, I apprehend, are mistakes, occasioned by haste.

Velore is a post of great importance, commanding the great road leading into the Carnatic, from the valley of Vaniambaddy; and the directest route from the Mysore country. It consides of three strong forts, on as many hills: and is justly deemed impregnable to an Indian army. It is said to have been originally fortified by the Mahrattas, more than 200 years ago. Among other acts of generalship exhibited by Sir Eye Coote, during the late war; the relief of this place, in the face of Hyder's whole army, may be reckoned a capital one. It is about 90 miles to the westward of Madras.

Paliconda, had its bearing taken from Velore, and the distance between them, was measured. Amboor is determined by the distance from Paliconda, and the bearing of Coulasgur; which latter is determined by bearings from Velore and Arcot. The distances are obtained by means of Mr. Pringle's table of roads, with allowance for winding. Lastly, Sautgud is placed by angles taken at Amboor and Velore.

These, together with Col. Pearse's line, along the eastern coast of the peninsula, and those before taken notice of in the southern provinces (in section I.) are all the measured lines that occur in these pasts: together with one, and only one observation of said tude; that is, at Chinna-Balabaram, about the middle between the two seas. This being the case, it will follow, that the various materials of which the geography of the tract in question is composed, can be no otherwise arranged, than by establishing as primary stations are no otherwise arranged, than by establishing as primary stations as we have the best dark for; and which have the greatest mathematical depositions depositions the said this being done, to adapt the matter to the respective intervals, between these primary stations: which intervals must of course determine the scales and bearing lines of the several MS. maps, of which the materials are composed.

I shall attempt only to give an account of the manner of determining the principal of these stations, or points of connexion; and that for the use of suture geographers. To describe the whole, would lead me into unnecessary prolixity. The primary points which it became necessary to describe, in the account of the sea coast, were chiefly from actual measurement; as Tritchinopoly, Tanjore, Madura, Palicaudcherry: and I may now add, Coimbettore and Carroor; which are placed by measurement also. Arcot and Amboor, I have just mentioned; and Poliput and Chittoor, are the only remaining ones, that are established by survey.

Of those that remain to be determined, by tiresome discussion, and comparison; and in some cases by mere judgment, sounded perhaps, on doubtful testimony; are Bangalore, Trinomalee, Darampoury, Dalmacherry, Gooty, Calastri, Sami-Issuram, Innaconda, Combam, Adoni, and Timerycotta. And of those furnished by Col. Pearse's march, are Nellore, Ongole, and Siccacollum.

Bangalore, as the first mentioned, is also the most important; as being in the centre of the peninfula, and having routes passing through it, in every direction. It is in itself, a place of great political importance, being a fortress of strength; and from situation, the bulwark of the Mysore country, towards Arcot. A variety of MS. maps of the country. lying on the west of the Carnatic, and between it, and Seringapatain, have appeared: most of them, I believe, the offspring of the war of 1767-8, with Hyder Ally. One of a much later date, communicated by Mr. John Sulivan, contains the whole peninfula, fouth of the parallel of a stand is particularly valuable, on account of its having many routes and fituations in Myfore, and Bednore; as well as in Tanjore and Madura. By its comprehensive nature, it furnishes an opportunity of proportioning the respective distances between Amboor, Bengalore, Seringanethous Mangalore, and Bednore as their places all property in the map, together with the routes from one was other. It would require while sheets to give an analysis of this, and the rest of the MSS, which

have

have been confulted on this subject, and therefore, I shall only state generally, that by the medium of the distance from Amboor to Bangalore, in 4 maps, it comes out to be 73,6 G. miles; (the variations between them, was 6 miles) and its parallel, according to the fame method of proceeding, was 4' 10" fouth of Madras, or 130 o' 50". To this may be added, that Chinna-Balabaram, is by the medium of the same 4 maps, 23' 40" to the north of the parallel of Bangalore: and the latitude of the former, which is fortunately preserved in the Lettres Edifiantes, being 13° 23', confirms the general accuracy of the former refult: this being only 1' 10" different from it; or 12° 50' 20". Lastly, the interval on Mr. Sulivan's map, between Bangalore and Bednore, is 176 G. miles; and in mine, when Bangalore is placed, as above (73,6 from Amboor; and in lat. 13°) 172,5. And again, the distance between Bangalore and Mangalore in Mr. Sulivan's map, is 176,7; and in mine, 1695: that is, 74 different in one case, and 34 in the other. this difference is to be accounted for, by our giving a different degree of width to the peninfula: Mr. Sulivan's map making it 15' 15" wider than mine does, in the parallel we are speaking of. I have placed Bangalore in lat. 13°, and lon. 77° 37' 10", according to the above data a and this capital point, or primary flation, being fixed with to much flosely best in latitude and longitude. gives some degree of confidence to all the positions round it: for almost every position between Col. Kelly's line on the south, and the Tungebadra river on the north; has, in its construction, a reference to Bangalore. It is the common point of union, in the contribute the peninfula, as Coimbettere is in the 8 Willand Tritchinopolyment and the control of the co

Before I proceed to the detail of the remaining primary stations, in the peninsula, I shall observe at once, that all the roads and positions of principal places in the Mysore and Bednore countries, on the west countries, and between Roydroog and the penins of Tellicherry; were also between Roydroog and the penins of Tellicherry; were also between the lightness of Mr. Countries and

of which, I believe, there is no other copy in Europe. Chitteldroog, Shevagunga, Bankypour, Chennyroypatam, Ananpour, and many others, are quite new; and Sera, Sirripy, Roydroog, Rettingery, and Cenapatam, appear much more confistent in their positions, than heretofore: and although we cannot expect that either the positive, or relative distances, should be perfectly exact, yet I have every reason to think that they are not far from the truth; and that at all events, the present map affords the best materials that can be procured in this country.

Seringapatam is placed nearly in the position it occupies in Mr. Sulivan's map, in respect both to Bangalore and Mangalore. Its parallel is very uncertain, as there is no good line of distance, to check it, either from the north, or south. Mr. Sulivan's map places it 99 G. miles to the northward of Coimbettore; and Mr. Montresor's 87,4. As I have adhered more to the account of its relative position, in respect of Bangalore; it stands in the map, only 91 from Coimbettore. Besides, 2 MS. Itinerary gives its distance from Sera, at 3 days journey, or 54 G. miles horizontal distance; which is persectly consistent with the 91 miles from Coimbettore. It is placed in lat. 12° 31' 45", lon. 76° 46' 45"\*.

Sir George Staunton's journey across the peninsula, from Madras to Mangalore, in 1783, as one of the commissioners for negociating a treaty of peace with Tippoo Sultan, surnished a list of stages, and the estimated bearings and distances between them, the whole way. These, Sir George most obligingly communicated to me, together with his missellaneous observations and reflections as he went along; and which, being written on the spot, and dispatched as opportunities offered, may be allowed to exhibit a faithful pic-

Other accounts are as follow: a large map, which a could have that was confineded from the materials, collected during the was of 167.2 and which may be fixed the parent of most of the cares. In a collected during the was of 167.2 and which may be fixed the parent of most of the cares. In a collected during the was of 167.2 and which may be fixed the position, in the new thap. Manifest a map, gives of G. miles from Bangalore, and M. Sulivan's, 58. The first gen of the position only a

ture of the mind that dictated them: and they afford a proof that a long journey in which many things occurred that usually excite disgust, disappointment, and chagrin (not to mention fatigues and want of comforts); may be performed, not only without disturbing the tranquillity of the traveller; but in such a state of mind, as to leave him a sufficient portion of good humour, to enable him to amuse others.

The commissions were conducted by a very circuitous route, as well as impeded in their journey: for after proceeding on the great road from Anicul towards Seringapatam, in a WS W direction, to Malavilly, within about 12 miles of Seringapatam; they were carried to the N, and NW, so as to leave the latter place, at least 25 miles to the southward of them. As far as these estimated bearings and distances enable me to judge, the positions of Anicul and Seringapatam, in the map, are too far to the west, by several miles, in respect of Caveripatam; the last point established in this route, with any degree of certainty. But the route is unfortunately, too crooked, to admit of its being applied as a corrective, in small errors of distance.

Seringapatam is the capital of Mysore, the dominions of Tippoo Sultan; and it is situated in an island of the Cauvery river, about 200 or 300 miles from Mailes. It has little in it worthy of attention. Mysore, a town and fortised post, and as I understand, the ancient capital; lies about 8 miles to the southward of Seringapatam. Mr. William Townsend, of the East India Company's civil service, who travelled from Onore to Bednore, and Seringapatam, was I have in travelling between the two slatter places, which, however, the travelling between the two slatter places, which, however, the travelled through, as being open and fruitful: nor did he meet with any mountains between the Gauts and Seringapatam.

Darempoure reparam, Kiftnagheri, and Changamah, are obtained by means of a map of the valley of Vaniambaddy (or the Barra-

Barra-maul\*) which map includes in general all the fortresses contained within the tract usually known by that name. This map is in Mr. Dalrymple's collection, and has much the appearance of general accuracy; the number of forts placed on rocky eminences, in and about it, affording an easy means of determining the relative positions, by triangles. The contents of this map are joined on to Amboor, a primary station; and I made no alteration whatever, in its scale or compass. Darempoury, the extreme point in this map, to the S W, being thus obtained, stands more southwardly in respect of Arcot, than most other maps represent it: that is, the interval between Darempoury and Carroor, is less than is commonly reckoned; and that between Darempoury and Colar, less.

Cudapanattam and Vaniambaddy, were fet from Amboor rock, and their distances taken from the MS. maps. The roads and places between Cudapanattam and Bangalore; as well as those between this last place and Condour; and also between Bangalore and Darempoury; are taken from the 4 MS. maps, from whence I have inferred the polition of Bangalore: and I confider the places within this tract, to be ascertained with much more precision, than those on the fouth of Darempoury; and between it and Carroor, and Coimbettore: it being a more confined space, and also much oftener traversed, during the war of 1767. But to recount the particulars, would be both tedious, and useless: as the account would contain nothing more than a comparison of bearings and distances, and the mode of correcting, and working them up, into their present form: the labour of which, although compressed within the compass of a few inches, would scarcely be conceived, or believed. Although most, or all, of the roads that appear in the map, between Darampoury, Attore, Carroor, and Coimbettore, have been marched over,

The name large mahel or large mont again the toplor steer, was given it become it contained at first effect of constant and Kollander Capacity, Candely, Can

either by British armies, or their detachments, at different times; yet seldom having a surveyor with them, or by the want of instruments, or leisure, or both; little has been done for geography, more than barely informing us that such roads and places exist. So that the whole country beyond the first ridge of hills from Arcot, and south of the Barra-maul, can be but vaguely described: no one point, as I before observed, having been mathematically determined, on the north of Carroor and Coimbettore: and was it not for the observation of latitude at Chinna-Balabaram, the position of Bangalore, and all the places dependant on it, would be involved in uncertainty.

The road from Seringapatam to Calicut, is from Col. Humber-stone's report: and that from Calicut to Damicotta, is from Jesseries's old map. Of that from Seringapatam to Coimbettore, I have seen several copies; among which there are variations both in the scales, and in the names. Col. Wood went from the Barra-maul to Damicotta, Sattimungulum, and Coimbettore, in the course of his campaign in 1767: but I know not on what authority the road from Damicotta to Mysore, is described.

The determination of the positions in that part of the southern Carnatic, beyond the extent of Mr. Pringle's measured lines, was what interested me particularly: as from its vicinity to a principal settlement, and the scene of much warfare, it may be expected to be a subject of public curiosity. But even here, any more than on the farther side of the mountains, accuracy was not to be attained: for no position was determined mathematically, in the line between Tritechinopoly and Velore: more even a stagle line measured from the set of tritechinopoly and white the process of tritechinopoly such a succession of tempting marks occur, throughout this whole space. The only particular that presented itself, in the shape of actual measurement, was Mr. Pringle's rouls, from Tritchinopoly to Velore: but this was without bearings, save from the top of Tiagar hill, about measurement

between: and which, from the greatness of the distance, could take in only a part of the line; that is, from Volconda to Trinomaly.

Changamah, as has been faid before, is placed by the map of the Barra-maul, from the west: and as Trinomaly in the Carnatic, is not only very near it, but also an eligible primary station, it appeared that if there was any tolerable authority for Trinomaly, the operation of fixing it, would at the same time verify Changamah, in respect to the eastern coast: which considering the foundation on which it rested, appeared necessary.

Trinomaly hill, which is visible more than 40 G. miles, was found by trigonometrical process (that is, by an angle of intersection of 20 degrees, from the hills of Wandiwash and Carumpaucum) to be 40 G. miles from the former, in the direction of W 28°S. I should not have been entirely satisfied with this result, had not the position thus pointed out, agreed nearly with the apparent fituation of Trinomaly, in respect of Changamah. This is indeed given by Mr. Sulivan's map, at E 10 N, 13 G. miles; while the bearing of Collispauk from Changamah is NE 20,7; and that of Trinomaly from Collispauk, S 7 W, 12,6 G. miles. Now, as Mr. Pringle measured that side of the triangle between. Trinomaly and Collispauk, and found it only 112 G. miles (or 15 B. miles in road distance) the side between Changamah and Trinomaly, ought to be only 101: and this I have adopted, with a imall correction; as Mr. Pringle's bearing was S12 W, instead of S 7 W, as in Mr. Sulivan's map. Sir George Staunton, who travelled along that fide of the triangle, between Collispauk and Changamah, estimates the road distance at 19 B. miles; which by this construction, ought to be 23 at least.

Trinomaly, thus adjusted, is 32 G. miles, on a bearing of about W N W, from Pondicherry (the secret point on the coast). M. D'Anville thought it no more than 48; and another French MS. map, which contains the fouthern Carnatic, and which has afforded

Сc

me much assistance, only 43 G. miles: but the more modern maps, come nearer to my idea; Wersebe reckoning the distance 55, and Mr. Sulivan's map about 50. This station determines the breadth of the fouthern Carnatic; and also all the positions between Tritchinopoly and Velore. It will follow, also, that Tiagar, from whence the bearings of Volconda and Trinomaly were taken; as well as Volconda itself; must have an immediate dependence on Trinomaly. The position of Volconda, in respect of Tritchinopoly, would have been a defireable thing, in order to find how it agreed with the position deduced from Trinomaly; but this I could get no good authority for: and Mr. Pringle's bearing ought to have more weight, than mere opinions. I have given the different accounts in a note, but without admitting them as authority \*. M. D'Anville's, however, agrees with mine. Baron Wersebe's route, obligingly communicated by the Hon. Col. Cathcart, (his Majesty's Quarter-master General in India) did not appear until the map was engraved. If Wersebe is right, I must have mistaken the position of Volconda; and placed it 7 miles NW by W of its true position. But Mr. Dalrymple, also, took the angles on Tiagar hill, and made the angle of Trinomalee and Volconda, the same as Mr. Pringle did, to 3 minutes of a degree.

Gingee is placed 30, and 32½ G. miles from Pondicherry in 2 French MS. maps; and 36½ in Wersebe's: one might expect that the French knew its position well. I have placed it 33 from Pondicherry; and 23 from Trinomaly.

The rest of the positions in the south Carnatic, as well as the courses of the rivers, and direction of the first ridge of hills, are taken chiefly from the 3 MS maps beforementioned (viz.) D'Anville's, the old French MS map; and Wersebe's: and some sew

<sup>\*\*</sup> Bearing of Volconda from Tritchinpoly, by D'Anville, N 3-° E

By the other French MS, map N 36° 30′ E

By Werfebe - N 25 15 E

By Montrefor - N 28 40 E

It stands in the map - N 3/ E

particulars are from an engraved French map of 1771; whose principal merit is confined to the southern part of the Carnatic.

Carnatic-Gur, and Doby-Gur, two fortresses of note, in the ridge of hills on the west of Arnee, have never been taken notice of, in any former map. The latter is determined, as to distance from Velore, by a measured route of Mr. Pringle's: and the former had its bearing taken at Velore, and is known to bear about N by W, 3 miles distant, from the latter: of course, two sides and an angle are given; and the two places mutually assist in determining each others position.

The Coleroone and Cauvery rivers, with their branches, below Caroor, are taken from the maps of Wersebe and Kelly; collated with the old French map. Wersebe's map of Tanjore, contains more particulars than any other that I have seen; especially in the northern part. And for the southern parts, I had some affistance from the map of Mr. Sulivan.

More particulars appear in the Marawar and Madura countries, than in any former map that has been published. After the great roads specified in the discussion of Kelly's map, &c. most of the new matter is from Mr. Dalrymple's collection; and the rest from Wersebe and Sulivan. The almost incredible number of forts and fortresses of various kinds in the Carnatic, occasion a greater number of interesting positions within the same space, than in most other countries. Villages, and even towns, in open countries, are but of a day, compared with fortresses; especially when they derive any portion of strength from their situation; a very common case, here. Public monuments, too, the unequivocal mark of civilization and opulence, are more common here, than in the northern parts of India.

Madura and Tinevelly are chiefly from Col. Calks old map, with many additions from Kelly and Worksbe. The valley of Octampaliam, inclosed between the branches of the Gauts, is a very retent acquisition to geography. Nor is this the only new matter af-

forded us by Col. Fullarton's march (during the late war) into the fouthern provinces; the geography of which now wears an entire new face. The intention of this expedition was, to open a communication between the two coasts of Coromandel and Malabar; and at the same time to deprive Hyder Ally of the use of the valuable province of Coimbettore: and, if necessary, to open a ready way into that of Mysore. We learn from him, what will appear a new fact to most readers, that of there being a break in the continuity of the ridge of mountains named the Gauts, opposite to Paniany. Governor Hornby it feems was apprifed of this circumstance; and probably it was formerly known in Europe, though now forgotten. This break is about 16 miles wide, and appears to border on what D'Anville calls Annamally, or the elephant mountains; and is occupied chiefly by a forest of timber trees, which has the fort of Annamally on the east, and Palicaudcherry on the west. The valley or opening extends 14 or 15 miles, between the termination of the northern Gauts, and the commencement of the fouthern ones; before it opens finally into the low country on the Malabar coast. It is well known that ships which navigate the Malabar coast, during the N E monfoon, commonly experience a stronger gale in the neighbourhood of Paniany, than elsewhere; and I am of opinion that this opening in the Gauts, is a very fufficient cause for fuch an effect. I have been told also, that the lower part of the Coimbettore country, partakes of the rainy, or SW monfoon, of the Malabar coast: which may certainly be referred to the same cause.

The river of Paniany takes its course from the Coimbettore country, through this opening, and is said to be navigable in the rainy season, for small boats, to the foot of the Gauts; which is a circumstance worthy of being known, and which I was ignorant of, until I read the life of Hyder Ally, published in France, in 1784. This circumstance, together with the inundated state of the country at that season, may serve to shew, that the country

west of the Gauts, has no great declivity, in a course of near 60 miles.

The Paniany river, as well as that of Daraporum, has its fource, from an elevated plain, of about 60 miles in extent; and which stretches itself across the eastern mouth of the gap or valley, before spoken of. This plain rises suddenly from the level of the surrounding country, like a vast terrace; and the forest bounds it on the west. There are examples of the same kind of elevated plains in Bengal; and in the Bundela country, south of the Ganges, near Soohagee Gaut.

The common boundaries of the Carnatic, and of Mysore, are tolerably well ascertained in the southern provinces\*; and an approximation towards the truth, is made, in those of the Marawars and Tanjore; but on the north of the Cauvery, I believe the boundaries are very ill defined, even by the governing powers themselves; except in particular places.

On the west of the Gauts, and between those mountains and the lakes of Cochin and Travancore, there is nothing new. The country is chiefly one vast forest: and of course, scarcely inhabited, or known, as to particulars.

Terriore, or Tarriore, a fort possessed by a Rajah of some note, on the north side of the Cauvery, and at the foot of the first ridge of hills; has its position from the authority of the MS. maps abovementioned. They differ, in giving its distance from Tritchinoly, from 22; to 25; G. miles: and from Octatore, from 16 to 17;

Attore, a confiderable post on the west of Tiagar, I found some distinculty in placing, from the discordancy of the different accounts: and indeed, the whole tract beyond the first ridge of mountains beyond the Carnatic, is very vaguely described, both in point of par-

Meaning those in the fourth of the Canada river, and the countries between the Canvery and Guntoor, are here named to Canada, in a particular lense: and this is upon July-divided into N and S as the parts respect Madras.

ticulars, and of geometrical exactness. With respect to Attore, which is the centre of several roads described in the map, I have placed it chiefly on the authority of Mr. Sulivan's map; as it corresponds with the bearing of the mouth of the pass, from Tiagar; as reported by Mr. Pringle. That bearing was W 13° 11'S; and in Mr. Sulivan's map, it stands N 38 W, distant 28' G. miles from Volconda. It is placed in the map N 39 W, 28' miles: 32' from Darampoury; and 34 from Salem \*.

A route of Baron Wersebe's, from Tritchinopoly to Tiagar; communicated by my friend Col. Cathcart, came to hand after the map was engraved; and therefore too late to enable me to correct Ootatore; whose position, by that gentleman's account, is more northwardly, in respect of Tritchinopoly, than I have placed it. The route in question was not measured, but it being very straight, there could be no difficulty in ascertaining the true bearing of it.

The principal settlements and commercial factories of the Europeans, in the peninsula, are all situated along the coast of the south Carnatic; or, as it is usually termed, the coast of Coromandel. Madras we have already spoken of: the English possess also the fortress and city of Negapatam, situated on the coast of Tanjore; and taken from the Dutch in the late war. It is a neat city, and a place of considerable trade: but more valuable from its local position.

Pondicherry is the principal settlement of the French in the Indian seas. Its general position has been discussed in page 13; and with respect to Madras, it lies to the south, distant 100 road miles; and at the mouth of the Gingee river. It was first settled by the French in the mass then included in the Rajaship of Gingee, subject to the King of Marsinga. Previous to the war of 1756,

As it may affift some other person, who may undertake to correct this geography, I have inserted the following particulars, collected from different authorities: Mr. Sulivan's map places Attore, S. W. 31 G. miles from Darempoury; and E 10° 20' N, 291 from Salem. D'Anville's may be positions, N 37° 40' W, 242 from Volconda. And Montelle's E 42° 50' S, 18 from Darempoury.

Pondicherry was, perhaps, the finest city in India. It extended along the sea coast about a mile and quarter, and was about three quarters of a mile in breadth: was well built, and contained many public buildings; and a citadel, then the best of its kind in India, but of too contracted dimensions. This fine city was first taken by the English, in 1761; and was immediately razed to the ground. in retaliation of M. Lally's conduct towards the fortifications and buildings of Fort St. David, in 1758. This proceeding of M. Lally, was agreeable to a fystem adopted by the French East India Company, in Europe: and which had its foundation in commercial jealoufy \*. However, the consequent destruction of the French settlement of Chandernagore, might have glutted our revenge for the loss of Fort St. David: and we should have been content with dismantling Pondicherry. The French have also factories at Cuddalore, and at Carrical: the former within fight of Pondicherry; the latter in the Tanjore country. Cuddalore is naturally a very strong fituation; and would have been the most commodious, perhaps, for the chief British seitlement; since the security of Tanjore, and the conveniency of supplies from it, must ever be a capital object. Besides, as the S W monsoon is the season of naval warfare, Pondicherry has the advantage of being to windward of Madras; and the French, at the same instant, accomplish the double purpose of keeping to windward, and of protecting their capital settlement: and receive affistance from it in return. The British fleet, in order to watch the enemy, retires 100 miles from their principal settlement: and receives only a precarious assistance from the shore: that is, from Cuddalore, or its neighbourhood, their usual station.

The Dutch possess on this coast the towns of Pullicate, Sadras, and Portonovo; each of which has a small fort to protect it, against the consequences of any desultory irruption, or the quarrels of petty

<sup>\*</sup> If we are to judge of the degree of turpitude of a crime, by the mode of punishing it, rivalship in commerce should be one of the most heinous crimes in nature: for nothing less than the most flagitions, and universal criminality, can authorize the destruction of the habitations, and the consequent dispersion of the inhabitants, of a great city. The sate of Rome might be involved in the existence of Carthage: but the question here, was only which of the two parties should purchase callicoes as the cheapest rate, or sell them at the dearest.

Chiefs: but which could make no stand against a regular army. The Danes have also a settlement of the same kind, at Tranquebar, within the confines of Tanjore.

For an account of the cities of Tritchinopoly, Tanjore, Madura, and the stupendous pagodas of Seringham, &c. I shall refer the reader to Mr. Orme's elegant and faithful history of the military transactions of the British nation in Hindoostan.

When we turn to the north of the parallel of Madras, the subject appears to be more barren of matter, of every kind, than in the south: and among the little that does appear, there is a still smaller proportion of actual survey. The Jaghire map, and the marches surveyed by Mr. Pringle, do not extend far to the north of Madras. There is indeed, Col. Pearse's line of march, northward: but this surnishes only an outline; for it never deviates far from the coast. The matter before us, is confined chiefly to the eastern half of the peninsula; and the farther we recede from the coast, the more scanty are the materials, and the less to be depended on.

The authorities for the course of the Kistna river, which bounds on the north, the tract which is the subject of this section, will be found at the end of the sourth section: and I shall now proceed to give an account of the authorities on which the remaining primary stations, between the parallel of Madras, and the Kistna, are founded.

On Dalmacherry and Gooty, depend the whole course of the Pennar river, from its source to Cuddapa; together with all its branches, and the different positions near them; such as Cuddapa, Tripetty, Chandeghere (or Kandeghere) and Calastri.

There is a diversity of opinion concerning the position of Dalmacherry, as there must ever be, when the distance and bearing of a place, have not been mathematically ascertained. A curious MS. communicated by my friend General Caillaud, entitled, "An account of the Passes between the parallels of Udegbery and Sautgud," and from which I have received great assistance, has the distances

in computed miles from one pass to another, and oftentimes from some distant capital place also; but without bearings. This MS. gives the distance of Dalmacherry, at 75 British miles of road distance, or about 56 G. miles of horizontal distance, from Arcot. Montresor's map gives 64, and Mr. Sulivan's 61½. Montresor, also, places it 47½, in a NNE direction from Cudapanattum; and Mr. Sulivan 47. I have placed it 56½ from Arcot, in a NNW direction; which makes the interval between it, and Cudapanattum, 46°; and its latitude is 13° 43′ 30″. There are three important passes leading from this place, into the Mysore and Cudapah countries: and here it was that Doast Ally, the Nabob of Arcot, was surprised and deseated by the Mahrattas, in 1740.

Gooty or Gutti, is a strong sortress on a hill, beyond the river Pennar\*, and towards Adoni; and formerly the feat of government of Morari Row, a Mahratta Prince. This place, together with the course of the Pennar, is found in Montresor's map; which contains more particulars in this part of it, than any other map I have But a difficulty arose in adjusting the position of Gooty, in my map; because the distance between Dalmacherry and Chinna-Balabaram is much less in it (13 miles) than in Montresor's; and Gooty appears to be ascertained by two lines, drawn from those places: fo that either the bearings, or the distances, must be rejected. I thought it the safest way to adhere to the distances: as it is probable they might have more weight, than the bearings had, with Mr. Montresor, who adjusted this circuitous route, between Arcot and the head of the Pennar. His scale gives 112,2 G. miles, on a bearing of N 3 E, from Chinna-Balabaram to Gooty; and 118,5, N 43° 45' W, from Dalmacherr, to the same place. The interfection of the bearings (which make an angle of about 40°) would place Gooty in lat. 14° 58': and that of the distances, in.

D d 15°

Or Pen-aur. I believe the term our, for river, which prevails generally throughout the Carnatic, is not found any further to the north than Nellore.

15° 15'; and nearly in the meridian of Chinna-Balabaram. I have preferred the latter, for the reason abovementioned.

The inferior branches of the Pennar are taken from D'Anville's map of 1752: but Tademeri, Anantpour, &c. are from the Universal History. Gandicotta, on the south bank of the Pennar, is remarkable both as a strong fortress, and for having a diamond mine near it: a particular account of it, will be found in Tavernier. Penuconda a considerable place near the Pennar river, is said to be 20 leagues N E of Sirpy, and 20 N N W of Chinna-Balabaram. This account, also, is in the Modern Universal History. Cæsar Frederick mentions it as the retreat of the King of Bisnagar (or Narsinga) 8 days journey from Bisnagar.

The Pennar river, after springing from the neighbourhood of the Balabarams, runs directly northward, until it approaches Gooty; and then takes a SE course by Gandicotta and Cuddapah: after which it changes to the east, and reaches the sea at Gangapatnam, after passing the fort of Nellore. The MS. account of the Passes, remarks that this river is 300 yards wide at Sami-Issuram, about 70 miles from the sea; although it is confined in its course, by hills, on both sides.

It has been observed in the first section, that Capt. Ritchie's chart of the coast of Coromandel, made the point at the Pennar river, project too far out. I find by a reference to 6 different MS. and printed maps of this part, that the distance of the sea from Nellore, is not represented in any of them, at more than 13. G. miles, and most of them allow only 12. And although I have allowed 16, it comes considerably within Mr. Ritchie's account.

Cuddapah is determined by the map of the Pennar river: and the construction agrees with its reputed distance from Arcot in a Malabar map; or rather a map drawn by a native of the Carnatic. It is there stated at 60 cosses; which on the scale adopted for the Carnatic (in page 5) and which allows only 37; cosses to a degree, will correspond with the 96 G. miles, arising on the construction.

Tripetty and Chandeghere (or Kandegheri) the first a famous place of Hindoo worship; and the latter, the site of the capital of the ancient kingdom of Narsinga, are placed with reference to Dalmacherry, by Montresor's map; and by the MS. account of the Passes. Kandegheri is there said to be 22 B. miles (road measure) from Dalmacherry, bearing about ENE; and Tripetty is 3 miles SE from Kandegheri. I have placed Tripetty accordingly: and it stands in the map 53½ G. miles, nearly north, from Arcot; and about 66, nearly NW by W, stom Madras. Mr. Orme supposed it to be 50 miles NE of Arcot: and the Universal History says it is 22 leagues WNW from Madras.

Calastri appears also in the map of Montresor. There is also a route of General Caillaud's from Polypet to Udegheri, and Nellore, passing through Calastri. I have endeavoured to fix the position of Calastri, by these joint authorities; and have placed it 15 G. miles ENE from Tripetty; and 61 from Arcot: but I have my doubts concerning the accurary of its position.

Sami-Issuram pass, on the Pennar river, is reckoned in the MS. of the Passes, 55 B. miles, or 44 G. miles horizontal distance, west from Nellore: and this position is corroborated by Montresor's map (as far as the apparent rudeness of his materials for this part, may be said to confirm any position) and I have placed it accordingly. It comes within about 15 G. miles, or 9½ cosses of Cuddapah; which bears from it WSW.

Udegherri and Sangam, two places in General Caillaud's route, are corrected by Col. Pearse's position of Nellore; and by the relative positions of Sydaporum and Nellore, in a French copy of M. Bussy's marches: Sydaporum being also a position in Mr. Caillaud's route. I am conscious how incomplete the northern part of the Carnatic is, in comparison with the southern part: but all my enquiries have produced nothing satisfactory, on the NW of Polipet. Had the route of General Caillaud been measured, it would

D. d 2

have.

have produced feveral primary flations: but as it is, the feale appears to be ill proportioned in the different parts of it.

Narnaveram and Bomrauzepollam, are both placed on the authority of Mr. Pringle's observations: and the Pullicate like is from the Jaghire map; Col. Pearse's route; and other authorities. This lake, called by D'Anville, Ericans, seems to owe its existence to the same cause as the Chilka lake; that is, to the sees here king through a low sandy beach, and overslowing the lands within; for its communications with the sea, are extremely narrow, like the embouchures of small rivers. This lake is in extent 33 B. miles from N to S, and 11 over, in the broadest part; and contains some large islands within it. One of these is named Income, in Mr. Parnard's map of the Jaghire, published by Mr. Dalrymple: and as M. D'Anville names this island, as well as the lake, Ericans, I conclude it to be a corruption, or misconception of Income.

I have not found it an easy task to fix the positions either of Innaconda, Combam, Adoni, or Canoul. On these four places, many others depend, in the construction of the map; and they are neither of them afcertained to my fatisfaction. There is, in particular, a degree of obscurity in the accounts of Canoul, that I cannot clear up. My local information fails me entirely, in this place: and this kind of knowledge is fo requifite to a geographer, that no degree of study, or investigation, can compensate for the want of it. It not only enables him to reconcile names and fituations; but oftentimes furnishes him with a criterion to diffinguish the value of his materials. Few Europeans, vagrant ones excepted, have visited these places since the time of M. Bussy (1751) and it is a misfortune to geography, that his marches between Arcot, Hydrabad, Adoni, Canoul, and Seringapatam, have not been recorded, in the fame intelligent manner, as the rest of his marches have been; and from whence we have drawn so much information. But, however I may repine, as a geographer; I ought, perhaps, as a philosopher, to be satisfied, that so much has been preserved.

Innaconda (called also Viniconda, and Huiniconda) is a fortress on a hill; within, or bordering on, the Guntoor circar. It is undetermined, as to its precise bearing, from any known place: therefore I have been reduced to take it on the authority of some vague maps, and by a reference to circumstances: and have placed it about N W by N from Ongole (a point in Col. Pearse's route). Mr. Pringle measured the road, and sound the distance to be 46. B. miles; for which I allow 36 G. miles, in horizontal distance. By the Malabar map, it is 28 cosses, which may be reckoned about 45 G. miles. It is somewhat more westerly in bearing, and also more distant, from Medipilli, than from Ongole.

Combam is reckoned 25 cosses from Innaconda; and 32 from Ongole; or about 51 G. miles from the latter. It is placed in the map, at 48 miles distant, and nearly west, from Ongole: but as its parallel is regulated by the assumed position of Innaconda, it is subject, of course, to the same errors. Tavernier's route from Gandicotta to Masherlaw, passed through Combam, (which he calls Kaman) and its position accords very well, with the proportion of distance assigned it. More will be said on this subject, hereafter.

Adoni is reckoned to be 66 coffes from Combam, by the Malabar map; and 67 by a route transmitted by Col. Harper to the Madras Government; and which was collected from the information of his guides, while at Innaconda, in 1781. These coffes on the Carnatic scale (37: to a degree) are equal to 106 G. miles; and this is the distance allowed in the construction, between Combam and Adoni, westward. And for its parallel, no better authority can be found, than its distance from Gooty, which is situated to the S E of it, two days journey, or 36 G. miles according to my calculation; which is founded on some considerable degree of experience in these matters. Adoni, thus placed, is 63 G. miles N N E from Roydroog, and about 44 south of the Kistna river.

Adoni, as to general position, is about the middle of the peninfula, and exactly in the parallel of Goa. It was, not many years ago, a fine city, and extremely well fortified, situated on the side of one of the branches of the Tungebadra river; and the capital of a small principality, or rather seudatory province, of Golconda. A part of its history will be found in Mr. Orme's works. It was since assigned, together with Rachore, and Guntoor, to the late Bazalet-Jung, brother to Nizam Ally, the reigning Soubah of the Decean. Hyder's desperate grasp fixed on this, as well as the rest of the provinces on the south of the Kistna, previous to the late war: but all of them were, or ought to have been, restored by the peace of 1782. Adoni certainly was: because the attack of Adoni, then in the hands of the Nizam, was one of Tippoo's exploits, last year.

The position of Canoul appears the most uncertain of all. The authorities for it, are, the Malabar map, in which its distance from Rachore, Cuddapah, Adoni, and Combam, are given in cosses; but the intersections of these from the different points, do not agree. The map alluded to, is not constructed by a scale, but rudely sketched out without much proportion being observed either in the bearings, or distances of places, from each other: and the names, and the distances between the stages, are written in the Malabar language. Canoul is there said to be 57 cosses from Cuddapah; 38 from Combam; 28 from Rachore; and the same from Adoni: and 36 from Timapet, a place that occurs in General Joseph Smith's route from Hydrabad to Sollapour. By this account, the number of cosses between Cuddapah and Rachore will be 85; which is really the distance on the map, within 2 cosses; reckoning 37x to a degree. Nor are the cross distances from Com-

6 bam,

<sup>\*</sup> I suppose the termination badra in the name of this river, means the same as the budda or l. ddar in Nerbudda, and Soanbudda; in the north part of the Deccan, and in Hindousian. If the supposition be true, that the names of large rivers undergo little alteration, the language to which Gonga or Gang belonged, must have had a wide range: since we find it applied both in Ceylon, and at the foot of mount Himmaleh.

bam, and from Adoni, far out; but that from Timapet is irreconcileable. However, as the position of it agrees pretty well with Cuddapah, Rachore, and Combam, it may be concluded that the distance of Timapet is falsely given. In a map of M. Bussy's southern marches, said to be composed by M. D'Anville; Canoul is represented in a very different position from the above result: for there it stands only 18 cosses from Rachore, instead of 28.

Condanore is 15 cosses to the east of Adoni, according to Col. Harper's route.

Rachore, or Adoni-Rachore, a city, on or near the fouth bank of the Kistna river, and not far above the conflux of the Tungebadra with it, and below that of the Beemah has its position from the map of M. Bussy's northern marches.

Rachore is four days journey from Adoni, according to the report of an European who travelled it. This person came from Seringapatam, by way of Sera and Gooty, to Adoni; and communicated this, and several other particulars in his itinerary, to Mr. W. Townsend; who obligingly gave them to me. It is reckoned three days journey from Seringapatam to Sera (or Merki-Seray) fix more to Gooty; two from thence to Adoni; and four more to Rachour. If we take the whole distance through these several points on the map, the produce will be 276 G. miles. A days journey for an ordinary traveller, may be fixed at 22 British miles, in road distance; which reduced to horizontal, will be about 18 G. miles: and it will be found that the 276 miles will be nearly 15 days journey, at that rate: and the intervals are generally well proportioned. Although 22 miles are stated to be a days journey for an ordinary traveller; yet a coffid or courier goes ordinarily from 30 to 33 British miles in a day: and that for many days together.

Timerycotta, a confiderable fort in the Palnaud country (which is a diffrict belonging to the Carnatic, but fituated towards the Kistna river, on the west of Guntoor) governs most of the positions in Guntoor and Palnaud; as also the crossing place of the Kistna, in

the road from Madras to Hydrabad. In Montrefor's map, there are a number of places round Timerycotta; but they have no connexion with any other known place. Capt. Davis, in his account of the places in and about the Guntoor circar, fays that Timerycotta is 40 costes west from Guntoor fort: and Cuntoor is placed by the Malabar map o coffes from Sattinagram; a place on the fouth bank of the Kistna, opposite Bezoara; a point ascertained by Major Stevens. The bearing of Guntoor from Sattinagram, we can only infer, from its lying in the direct road to Ongole, to be about SW: but it is strongly corroborated by Montresor's map, which gives the distance between Guntoor and Siccacollum (another fixed point on the Kistna) at about 25 . G. miles. Timerycotta, then, is placed according to these data, in respect of longitude: and is 89 G. miles to the westward of Siccacollum; or 64 from Guntoor, which answers to 40 Carnatic cosses. With respect to its parallel, the Malabar map gives only a circuitous route of 49 cosses to it from Ongole. Mr. Montresor's map makes the distance to be 66 G. miles from Ongole; and the bearing about NW by N: but, as I said before, the connexion between these places is imperfest, in his map. Capt. Davis's map (or rather sketch) has it at 57. Again, Montresor makes Guntoor and Timerycotta, nearly under the same parallel, which would reduce the distance to 59. I have allowed 60; : and have been guided principally by the computed distances in the Malabar map, applied to Capt. Davis's bearings, in his circuitous route from Ongole to Timerycotta: and this position agrees nearly with Montresor's idea.

Montresor's map, as is said before, contains many positions round Timerycotta, to the extent of 20 or 30 miles: among others, Currumpoody, Patack, Pongallah, Pulredygur, and Masherlaw or Macherla. This last place, together with Combam and Doupad, from other authorities, helps me to trace out the route of Tavernier from Gandicotta to the Kistna, in his way to Golconda, in 1652. Combam or Commum, is the same with his Kaman, said

to be the frontier town of the Carnatic, towards Golconda. Deopad, is what he calls Doupar; fituated, according to his account, in a country that is intersected by many torrents from the neighbouring hills. Col. Harper makes the fame remark on Doupad or Deopad: and these torrents help to form the river Gondegama (or Gondlacomma) which gains the fea at Medipilly, and is the nominal boundary of the Carnatic. The Malabar map writes it Gilligama, and other accounts give it Gunta-camma: Gondegama, is the common name. Combam is fituated near its fource. pagoda lay near Tavernier's route, and is a few miles to the north of Doupad. Some have confounded this with Tripetty, a more celebrated pagoda in the vicinity of Chandeghere; and 160 miles to the fouthward of Tripanty. Tavernier's next stage is Mamli; which may be recognised in D'Anville's map of Coromandel, under the name of Mamenda. His Macheli, is, no doubt, Masherlaw: foon after which he arrived at a large river; which was the Kithna. It is fingular that his curiofity should not have led him to enquire the name of the most capital river, that occurred during his journey.

Tavernier's route would hardly be worth remarking, did not his distances help to corroborate generally, the positions of Combam and Timerycotta. He reckons 77 leagues from Gandicotta to Masherlaw: 42 of which are between Gandicotta and Combam. These leagues, I apprehend, are meant for cosses, a common error of Tavernier's: and it is remarkable that Thevenot falls into an absurdity of the same kind, by reckoning cosses for half leagues. How men of sense and reflection can apply the names of the itinerary measures of their own country, to those of another, when the scale differs so widely, I confess I am at a loss to account. Cosses. and leagues, differ at least a third part, in their length: how then can Thevenot say, that a coss is equal only to half a league? Tavernier's whole number of leagues from Gandicotta to Golconda, is 119; and the real distance, through the points of Combam, and Mather-Еe

Masherlaw, only 176 G. miles: it will follow then, that nothing more than cosses could be meant, and those rather short, than otherwise. Between the Kistna and Golconda, his account gives 39 leagues or cosses, which interval is 60 G. miles, by my construction. There must, however, be an error in the distance between Masherlaw and the Kistna, which he reckons only 3 leagues, or cosses; whereas, it cannot be less than 7 cosses.

The fort of Condavir is the principal post in the Guntoor circar; and is strongly situated on a mountain, 8 cosses to the west of Guntoor, according to Capt. Davis; and 10 from the south bank of the Kistna. 'The position of Mongelgary, I am not satisfied about, as there are great contradictions in the accounts of it. Colour is from D'Anville: it is a diamond mine on the southern bank of the Kistna, and not far from Condavir. Chintapilly and the roads in Guntoor, are from Capt. Davis's sketch, and the Malabar map.

I could get no better authority for the road from Nellore to Hydrabad, than what appears in D'Anville's Coromandel, published in 1753. I have altered the proportion of its parts, by changing the place of Podalah (his Poudela) as it is known to be 12 cosses, nearly W by N from Ongole, instead of the northern position he has given it; for want of such a check as I was enabled to apply, by being in possession of a route across, from Ongole to Combam. It is very extraordinary, considering the long intercourse that the English at Madras, have with Hydrabad, that there should be nothing better of the kind, on record.

The road from Udegherri to Ongole, is also from D'Anville.

Sancre-Bancapour is from M. Bussy's march, as has already been observed, in the fourth section, page 171. Sancre and Bancapour, are two forts, lying about 3 cosses from each other; at 120 G. miles, nearly east from Goa. Mr. Ewart procured (while at Nagpour) a route from Hydrabad to Sancre-Bancapour, and from thence to Chinaputtun, a city, with a fort of stone; and situated 37 cosses beyond Bancapour. There is nothing to guide the judg-

ment in determining the general bearing of it, further than that we may conclude it to be to the westward of Sanore-Bancapour, because the road from Hydrabad, leads through it; and as the Sanore river (the Toom) was crossed 9 cosses beyond Bancapour, it may probably bear to the northward of west from it, as the rivers in that part, run to the southward of east (see the map). The distance between Hydrabad and Bancapour (133 cosses) determines the scale of cosses to be at the rate of 39! to a degree; so that Chinnaputtun is about 56. G. miles from Sanore-Bancapour; most probably, in a W N W direction. We learn one interesting particular, if true, from this route; which is, that the Nizam's territories extend 31 cosses beyond Bancapour.

Bisnagur, or Bijinagur, the capital of the ancient kingdom of Narsinga, is situated near the western bank of the Tungebadra river, and about 30 miles SE or SSE from Bancapour. It was visited by Cæsar Frederick in 1567; and was then a very large city. He reckons it 8 days journey from Goa, which, by the calculation in page 207, should be 144 G. miles; but it is only 130 by construction. We are told by Ferishta, that Bijinagur was founded by Belaldeo, King of the Carnatic, in 1344. The Carnatic then, included the whole peninfula; or at least, all that lay to the east of the Gauts. Our histories of the Deccan and Carnatic are very imperfect; and at this day we can hardly distinguish between the kingdoms of Bisnagur and Narsinga; and whether they were two fucceffive, or two coexisting kingdoms. It appears probable, however, that in the 16th century, the kingdom of Bisnagur included the greatest part of the peninsula; and that on the invasion of the King of Visiapour, and other northern Princes of the Deccan, the King of Bisnagur retired, first to Penuconda and then to Kandighery (or Chandegheri) but still preserved his ancient title of Bifnagur. In 1599, Kandegheri was the relidence of a Hindoo King, whose dominion extended over Tanjore and Madura; and

E e 2 in:

in 1640, a descendant of this Prince reigned there: and permitted the English to settle at Madras.

Ranni-Bedalore, as well as the heads of the Tongebadra river, are from M. D'Anville. We know generally, that this river is formed out of feveral finaller ones, that iffue from the eaftern fide of the Gauts, in and about the Bednore country. Further down, it passes Bisnagar (as is said above, although Casar Frederick calls the river of Bisnagar, Nigonden) and between that and the Kistna, it receives the Hindenny, or Endri river, which passes by Adoni; as well as several smaller rivers. The general course of the Tungebadra is represented in the map of M. Bussy's northern marches: and that of the Hindenny is marked more particularly, in the map of his southern marches, by D'Anville. It is also described in the map communicated by Mr. Sulivan, as passing under Chitteldroog, Rydroog, Chitrigally, &c.

M. Buffy's route from Seringapatam to Adoni and Rachore is not to be found in the map of his other marches. 'Those who cast their eyes on that naked part of the map, will regret its being wanting.

The route from Goa to Galgala is from Mr. Dalrymple's collection; and appears to have been travelled by some Portuguese, who visited Aurungzebe's camp on the Kistna, in the latter part of the last century; or early in the present.

The environs of Goa and the country to the foot of the Gauts, are from a Portuguese MS. It is from Goa only, if from any quarter, that we are to expect the geography of the tract between the Gauts, Visiapour, and Adoni; and which yet remains almost a perfect void, in the map.

The general courses of the rivers in the peninsula, indicate that a ridge of high land runs directly across it, from Calastri to Mangalore: but if we are to trust report, the country has not a hilly appearance between the Gauts and Bangalore; but that rising suddenly

## [ 213 ]

denly from the west, at the Gauts, it declines gradually east-ward: so that the Gauts form a sort of a terrace on an immense scale.

The Gauts are marked only in certain places where the different roads cross them, or where they have been viewed from the coast. This famous Appenine, which marks, with more precifion, perhaps, than any other boundary whatever, the line of fummer and winter, or rather of dry and wet; extends 13 degrees of latitude; that is, from Cape Comorin to Surat (with the exception of the gap mentioned in page 196) at unequal distances from the coast: seldom more than 70 miles, and commonly about 40: and within one short space only, it approaches within six miles. Although the altitude of these mountains is unknown, yet it is fufficiently great to prevent the great body of clouds from paffing. over them; and accordingly, the alternate NE and SW winds (called the monfoons) occasion a rainy season on one side of the mountains only; that is on the windward fide. It would appear, though, that clouds enough do pass over, to occasion a rainy feafon, at a confiderable diffance to leeward, where those clouds descend: as we may suppose them to do, although at the time they passed over the Gauts, they must necessarily have been too high, and of course too light, to condense and fall in rain, there. This, I am led to confider, by Lieut. Ewart's account of the weather at Nagpour, in the very centre of India; where the scasons differ but little from their usual course in Bengal, and on the western side of India: that is, the SW monsoon occasions a rainy feason: but the rains are not so violent, nor of such long continuance, as in those places. At the mouth of the Godavery river and its neighbourhood, the SW monfoon occasions a rainy season also; and the Godavery is then swoln and overflows and this part is about as far to leeward of the Gauts, as Nagpour is. It is possible, however, that the clouds which

which occasion a rainy season at the mouth of the Godavery, may come from the east of Cape Comorin: though I rather believe the contrary, as the Cape bears SSW from it, and the reigning winds are much more westerly. The Nagpour clouds, however, must pass over the Gauts. We may, I think, conclude then, that the ridge of the Gauts shelter a particular tract only; beyond which, the light and elevated clouds that pass over it, descend in rain. Madras is within the limits of the sheltered tract, though at least 300 miles to leeward of the Gauts: Rajamundry (near the mouth of the Godavery) and Nagpour, may be about 500. It would be curious to know the exact limit of wet and dry. If I mistake not, until lately it was a general opinion, that the Gauts extended from the northern (or Bootan) mountains to Cape Comorin; and occasioned a diversity of seasons, at one and the same time, throughout all India. But the truth is, that different seasons exist at the same moment, only in a part of the peninfula: for the cause ceases in the parallel of Surat; where the SW wind, no longer opposed by a wall of mountains, carries its supplies of moissure uninterruptedly, both far and near, over the whole face of the country. For some particulars respecting the northern extremity of the Gauts, see page 179.

As the peninfula, or tract discussed in this section, contains more interesting matter than could well be comprised within the space furnished by such a scale, as could conveniently be applied to a general map, of so large a tract as India; it was judged necessary to form another map of the peninsula, on a much larger scale: but an accident has retarded the publication. Those who may hereafter become possessed of it, will find the account of its construction in this Memoir: which is common to both maps, throughout this whole section; and also in the first section, as far as the map of the peninsula is concerned. The scale of this map, is just double that of the general one.

## SECTION VI.

## The Countries between HINDOOSTAN and CHINA.

I T has been faid before (page 48) that the first ridge of mountains towards Thibet and Bootan, form the limits of the survey to the north: to which I may now add, that the surveys extend no farther eastward, than to the frontiers of Assam and Meckley.

The Jesuit's map of China, as given in Du Halde, places the western boundary of Yunan (the westmost of the provinces of China) between the 97th and 98th degrees of east longitude, in the parallel of 24°: so that the eastern frontier of Bengal (Silhet) is within 350 British miles of the western part of China; or to speak comparatively, the same distance as Silhet is from Calcutta. Here one is apt to wonder, that considering their proximity to each other, there should be no communication between the two countries. The reasons probably are, that Yunan does not produce such manufactures as are in request among foreigners; and that the courses of the great navigable rivers in those parts, are unfavourable to a communication by water. The space between Bengal and China, is occupied by the province of Meckley, and other districts, subject to the King of Burmah, or Ava.

The river Nou-Kian, little, if at all, inferior to the Ganges, runs to the fourth, through that angle of Yunan which approaches nearest to Bengal, where the Jessies, who formed the map of China, left it, in its course to the fourth-west. This river, M. D.Anville conceived to be the same with that of Pegu; in like manner

as he supposed the Sanpoo to be the Ava river: but succeeding accounts have left no doubt remaining, that the Nou-Kian is the river of Ava. In the Modern Universal History (Vol. VI, p. 205) is an account of a voyage performed on this river, by four Chinese, about the middle of the last century. They went from Yunan to Yuntchian, and from thence to the frontiers of Ava; where they embarked, and went down the stream to Ava city.

In my account of the construction of the sea coasts (page 39) my authorities for describing the delta of the Ava river from the sea to the parallel of 18°, are given. The Dutch MS. map there quoted, describes the whole course of the river, as high up as 'the city of Ava itself, which it places in latitude 21° 48'; and also says in a note "by observation:" and indeed, the whole scale of the map seems to be formed from the difference of latitude.

The difference of longitude, as inferred from this Dutch map, places Ava in 97°. But Capt. George Baker, of whose accuracy I entertain a high opinion, took the bearings, and estimated the distances, the whole way from Negrais to Ava; and the result, corrected by the observation at Ava, 21° 48′, gives the longitude 97° 45′: and this longitude I have adopted. Capt. Baker's estimation of the courses and distances between Negrais and Ava, placed the latter in lon. 97° 54′, lat. 22° 5′; or 17′ to the north of the observation, recorded in the Dutch map. This error, on a distance of about 400 miles, is trisling; being less than a 20th part \*. Ava

From Negrais to Perfaim NNE 4; G. miles. Camma to Meachagong N by E 20 G. miles.

Pryggee NNE 45 Mellone NNE 35
Head of Negrais river NE 60 Raynangong NNE 35
Lundfey N 35 Sallumea NNE 35
Saladun NNW 25 Youngeve NE by N 25
Prone NE 18 Ava ENE 70
Camma N by E 15 Monchaboo N 45

The whole traverse gives a course of N 27° 30' E, distance 408 G. miles. The distance corrected, is 389.

The Dutch map gives a bearing of N 35° 50' W, distance 80,3 miles, between Syrian river Point (meaning the point of conflux of the Syrian and Dogon rivers) and the head of Negrais river; the upper point of the delta.

<sup>\*</sup> Lest the particulars from whence the river of Ava &c. is constructed, should be lost, I have recorded them here.

stands in the old maps, in lat. 25° 20′, lon. 96° 36′. The particulars of the course of the river, I have taken from the Dutch map; as Capt. Baker describes only the general direction of it.

Monchaboo, a city, and the residence of the King of Burmah, or Ava, in 1755, is by Capt. Baker's account, 38½ G. miles north from Ava: and this was the extreme point of his travels that way.

The Nou-Kian is named Irabatty by the people of Ava; and is faid by them, to be navigable from the city of Ava, into Yunan. Monchaboo being within 130 B. miles of the Chinese frontier, we want only so much, to complete the course of the river in the map. This break is there described by dotted lines.

Capt. Baker describes the country bordering on the Ava river, from the sea to Lundsey, as being very slat, and the soil rich; and, I suppose, like that at the lower parts of the courses of the Ganges, Indus, and other capital rivers, formed out of the mud deposited by the inundations of the river. This low tract is named Pegu, and formed an independent kingdom in 1754, when it was reduced by the King of Burmah, to the state of a dependent province.

Burmah borders on Pegu to the north, and occupies both banks of the river, as far as the frontiers of China. On the north-west is Meckley, which we have before taken notice of: and on the west Aracan (or Reccan) and Roshaan. On the east, it has the kingdom or country of Upper Siam; which, Capt. Baker informs us, begins at a small distance eastward from the city of Ava: a ridge of mountains separating it from Burmah and Pegu.

The King of Burmah, whose reputed capital is Ava, and from whence the whole kingdom, though erroneously, is often denominated, is said to possess not only the country of Meckley, in addition to those of Pegu and Burmah; but also the whole tract which lies on the north of it, between China, Thibet, and Assamble Du Halde's map speaks positively, as to this point, but with what

F

truth I know not, as I have never been able to gain any information on the fubject.

Capt. Baker informs us, that the country of Burmah, adjacent to the banks of the Irabattey, or Ava river, between Pegu and Monchaboo, is in some places hilly, and in others flat; but not so low as to suffer inundations. Its produce is, in most respects, nearly the same as that of the countries contiguous to the Canges; and, it is remarkable, that the lands which produce the greatest quantity of saltpetre, are much about the same distance from the sea, as those of the same nature on the side of the Ganges.

Mr. Verelst, who meditated an expedition into Meckley from Bengal, and actually advanced as far as Cospour on his way to it, in 1763; was informed by his Meckley guides, that after passing the first ridge of mountains beyond Cachar, he would find a fertile and well inhabited country all the way to Ava. He, however, went no farther than Cospour; but the particulars of the road between that place and Ava, are described from the intelligence surnished by the guides who attended him.

The country of Burmah produces some of the best Teek timber in India. The forests which produce this most useful and valuable article, are situated between the western bank of the Ava river, and the country of Aracan; and are only 250 miles from the sea, by the course of the river.

The Sanpoo, or Thibet river, was supposed by M. D'Anville to be the same with that which is called, in the lower part of its course, the river of Ava: but we have not the least doubt at present, of its being the same with the Burrampooter, which enters Bengal on the north-east, and joins the Ganges near the sea. I traced it in 1765, to about 400 miles above the conflux; that is, as high as the latitude of 26°, longitude 91°; where the Bengal districts end, and those of Assam begin: but I was not permitted to go any higher. However, some sew Europeans, engaged in the Goalparah trade, and among others, M. Chevalier, the late Governor

of Chandernagore, by permission of the King, went as high up as the capital of Assam, about the year 1762: but was under a considerable degree of restraint, with respect to making remarks, either on the course of the river, or on the country. As M. Chevalier, however, went on a very large embarkation, we are convinced that the river is navigable for large boats, through a space about equal to the distance of Buxar from the sea; that is, between 600 and 700 miles. It may probably be navigable much higher up; though its navigable course cannot be equal to that of the Ganges; this slowing chiefly through a level country, and the Burrampooter through a mountainous one.

I have placed the capital of Assam, Ghergong, (or Kirganu) 160 G. miles nearly E by N from Goalparah, according to the report of the Assamers. They also informed me, that the Burrampooter has a very long course previous to its entering Assam; and that it comes from the N W through the Thibet mountains. Now the Lama's map of Thibet in Du Halde, describes the course of the Sanpoo, to within 120 G. miles of the assumed situation of the capital of Assam: and still nearer to some parts of the Burrampooter that are known, and have been described by the Assamers.

These facts, together with those respecting the Ava river and Nou-Kian, establish (I think) the strongest presumptive proof possible, of the Sanpoo and Burrampooter being one and the same river, under different names: and positive proof can never be obtained, but by actually tracing them; a circumstance unlikely ever to happen to any Europeans, or their dependants. The interval between the known part of the Sanpoo, and that of the Burrampooter, is described in the map by dotted lines. The Ayin Acbarce says that the Burrampooter comes from Khatai: meaning China. We must not forget that the same book says, that the source of the Ganges had never been traced, at that time.

Some difficulty arises in fixing the position of Lassa, the capital of Great Thibet. We have the history of the Lamas map in F f 2 Du Halde.

Du Halde, which is not altogether favourable to its character; especially in the parts towards the source of the Sanpoo and Ganges. A close examination of its particulars, turns out still more unfavourable to it. For instance, the place where the Ganges enters the plains of Hindoostan, is placed under the 28th degree of latitude; though it is known by our late observations, to be in about 30°. With respect to the longitude, we have no grounds, on which to form an exact comparison; but we may conclude generally, that the distance between Lassa and Hurdwar is near 2 degrees of longitude less than it ought to be: I mean, provided that Lassa be near its true position with respect to Pekin, in the Lamas' map. The difference of longitude between them is 24° 17'; Lassa being placed 91° 40' east from Greenwich.

With respect to Hurdwar, the proof is positive of its being 2 degrees farther to the south than it ought to be; and this surnishes a strong presumptive one, that all the western parts of the map, are faulty in the same proportion: and that the sources of the Ganges and Sanpoo, instead of being between the 29th and 30th degrees of latitude; are several degrees surther to the north; and probably between the 32nd and 34th: of which more will be said in the sequel. Nor am I singular in this opinion; for M. D'Anville sound it necessary to make an alteration of 2 degrees in latitude; and to adopt the very longitude, which I have suggested. And I should be wanting in candour, and in respect to his memory, should I forbear to do justice to his nice discernment, in placing the entry of the Ganges into Hindoostan, by inference from Delhi, almost in the very spot where I have now placed it, by actual shrives.

But M. D'Anville, ignorant of the respective positions of Bengal and Lassa, adopted the latitude of the latter place, given in the Lamas' chart: that is to say, about 29° 35°. Father Giorgi (Vide Alphabetum Thibetanum) says, the latitude of Lassa is "about

30 degrees and a half;" and by what follows, it can hardly be in a lower parallel.

The late Mr. George Bogle, who was fent by the Governor of Bengal (Mr. HASTINGS) on an embasily to the Grand Lama of Thibet in 1774, travelled by way of Coos-Beyhar, Taffasudon, and Paridrong, to Chanmanning, the then refidence of the Lama, and nearly in the same parallel of latitude with Lassa. Unfortunately, very little geographical information was furnished by this journey; unless the bare account of the number of days he was on the road between the two last places, may be deemed such. However, this information, such as it is, joined with other circumstances, helps to affure us that Lassa is farther to the north, than the Lama's map represents it: for Tassasudon, the capital of Bootan, is by the accounts of the Bootanners, about 46 G. miles horizontal distance from Luckiduar, in a direction nearly north; and Luckiduar being in 26° 56', Taffasudon cannot be in less than 27° 43'. Paridrong (called Paridfong in the Lamas' map) is a confiderable way beyond that, and may be supposed to be in 28 degrees at least: but the Lamas' map places it in 27°; making an error of a whole degree of latitude. This place and the chain of mountains near it, have been regarded as the common boundary between Thibet and Bengal: but Mr. Bogle has cleared up this matter, by affuring us that Paridrong is the frontier town of Thibet towards Bootan, and not towards Bengal. And we have before ascertained that Bootan occupies an interval of at least a degree of latitude between Bengal and Thibet. Thibet and Bootan, are often confounded together: the latter is a feudatory or dependency of the former, and borders on Bengal.

Thus, I flatter myself, this discussion respecting the situation of Paridrong, joined to the information of P. Giorgi, will convince the reader, that the latitude of Lassa, if not perfectly right in my map is, at least, nearer the truth than it has usually been represented. Its longitude is taken from the Lamas' map, in which it is reckoned

24° 17' west from Pekin, or 91° 40' east from London. Had the bearings and latitudes of Mr. Bogle's route been taken, we should not only have been able to determine the position of Lassa, with some degree of accuracy (as the direction of the road is so much to the north) but also most of the intermediate places. Mr. Bogle was sixteen days on the road from Paridrong to Chanmanning. The distance assigned between these places in the Lamas' map, is about 167 G. miles of horizontal distance: it is about 10 more on the map.

The fouthernmost ridge of the Bootan mountains, rises near a mile and half perpendicular, above the plains of Bengal, in a horizontal distance of only 15 miles; and from the summit, the astonished traveller looks back on the plains, as on an extensive ocean beneath him. There are not many passes through this ridge, and all are fortisted. The fort of Dellamcotta, which commands the principal pass, was taken by storm in 1773, by a detachment under the command of Capt. John Jones; and the same of this exploit made the Thibetians sue for peace; and was the immediate occasion of Mr. Bogle's embassy. The road between Bengal and Tassassudon, lies chiefly over the summits of stupendous mountains, or along the borders of craggy precipices; so that the direct distance is not easily ascertained, even by the most intelligent traveller.

Between Tassasudon and Paridrong, is a chain of mountains still higher than the other. They are visible from the plains of Bengal, at the distance of 150 miles, and are commonly covered with snow. These are a continuation of the mountains Emodus and Paropamifus of the ancients; and are sometimes by the moderns enoneously called Caucases. In the Lamas' map, they are called Rimola: and by the people of Hindoostan Himmaleb (see page 96). I take it for granted that Himola or Himmaleb ought to be substituted for Rimolah, in Du Halde's map. I suppose them to be in point of elevation equal to any of the mountains of the old hemisphere. Indeed, the country of Thibet is, altogether, one of the highest in

Asia;

Asia; it being a part of that elevated tract which gives rise not only to the rivers of India and China, but to those also of Siberia and Tartary: for if we examine the map of Asia, we shall find that most of those capital rivers rise between the 31st and 47th degrees of latitude, and between the 70th and 97th degrees of longitude; from whence they run in every direction to the sea, as the Rhine, Rhone, Danube, and Po, do from the Alps in Europe.

Father Giorgi, whom I have mentioned before, has given us in his Alphabetum Thibetanum, an itinerary between Calcutta and Lassa. The distances he estimates in miles, which he probably meant for Italian, although they agree nearly with English ones. For he reckons 284 between Cossimbuzar and Patna, which is the exact number of measured statute miles between the two places. And between Singhya and Maissy, he reckoned 40, for 37 measured ones. We may therefore conclude that he was equally fortunate in proportioning the rest of his distances; although the roughness of the road will not always admit of forming any just proportion between the distance by the road, and the horizontal distance. We are almost entirely in the dark as to the particular direction of his course.

Catmandu, the capital of Napaul, is placed according to the authority of some MS. maps made by some missionaries who travelled from Bettyah to that place: and I found no material disagreement between their accounts and Giorgi's. I have therefore placed Catmandu 105 G. miles nearly north from Maissy, that is, in latitude 28° 6'.

From Catmandu to Lassa, Giorgi reckons 504 miles by the road; but it must be observed that he omits to mention the distances of two stages between Khansa and Mescinzungh: and as the preceding ones were of 14 and 16 miles, and the two succeeding ones 16 each, I may venture to add 32 miles for the two omissions; and then the whole distance will be 536 B. miles, or 462 G. ones.

The horizontal distance between Catmandu and Lassa (the latter being placed as described in page 221) is 364 G. miles: so that according to Giorgi's distance, one mile in five, will be taken up by the windings of the road: and this is not improbable, considering the mountainous nature of the country; for in the slat countries of Hindoostan, the proportion is oftentimes 1 in 7.

The territories of Napaul extend to the mountains of Rimola, as they are called in the Lamas' map. Giorgi does not give the modern name of them; but justly concludes that the ancient one was Emodus. These are a continuation of the chain between Tassasudon and Paridrong. Between Catmundu and these mountains, he passed by a samous place of worship, called by him Nogliocot, but by the Bengalese, Nogarcot; and which gives name to a pass that leads to it through the Bootan mountains, on the north of Purneah. (There is also a samous place of worship of nearly the same name in the mountains of Lahore.) He also crossed the upper part of the Koss, or Cosa river, which takes its course through Purneah, to the Ganges.

Tankia, or Tinkia-ling, is a fortress and town situated at the hither soot of Mount Langur, a second ridge of stupendous mountains, situated about 50 miles beyond Mount Rimola; and said to abound with suffocating exhalations, which increase as you ascend; but are weakest when the mountains are covered with snow. Tankia is the first place in Giorgi's itinerary, that can be recognised in the Lamas' map: for Nialma on the Nitchou river (probably the Nobotba of Giorgi) does not agree with any of Giorgi's names, although its situation does with Catmandu; which, however, the Thibetians call Jangbu.

About 25 miles beyond Mount Langur, is the beautiful valley of Tingri, said to be 50 miles in length, though but narrow. It is described by Giorgi as an earthly paradise, in every respect save the sharpness of the air.

The next place of note is Zuenga, or Tzuenga, a castle or fortress on the river Bontsu (supposed by Giorgi to be the Bantiso of Ptolemy) and about 90 B. miles from Tankia. From hence two roads lead to Lassa: the northernmost by Sgigatche (or Jiecsee as it is called in the Lamas' map) and Rimbu; the other, and which was travelled by Giorgi, is by Kiangsee, or Tchiantse. He speaks of wild horses variously spotted, in great numbers on the banks of the Bontsu. These, I presume, are of the kind that are annually brought for sale into Hindoostan, where they are known by the name of Tanyans; and are of a hardy breed.

Kiangse is represented as a fine city and fortress; with a convent near it, which is so very extensive and magnificent, that it has the appearance of another city.

About 50 miles beyond Kiangse, and 3 days journey short of Lassa, is the famous lake Palte, called by the natives Jamdro, or Jangso. It is of so great extent, that according to the report of the natives, it requires eighteen days to walk round it. In the Lamas' map, however, the circumference is only 150 British miles. In the middle of it, there are, according to Giorgi, a continued range of hillocks and islands; or, according to the Lamas' map, one large island, incircled by a lake from 3 to 8 miles wide. On the western shore of this island, or congeries of islands, is a monastery, and the seat of the Lamissa \* Turcepamo\*, or The Great Regenerate: in whom the Thibetians think that a divine spirit is regenerated, as in the Great Lama. The road from Kangse to Lassa lies along the north side of this lake, a day and half's journey.

Between the lake and the river Sanpoo, which is about 12 miles, another very high ridge of mountains crosses the road. This ridge is named Kambala, and from the top of it may be seen towards the north, a range of still higher mountains, covered with snow.

The

Lama signifies a Priest, or Minister of Religion; and Lamissa is the feminine of Lama.

The river Sanpoo\*, or, according to Giorgi, Tzangciu, or Tzanga, is 7 miles from the foot of Mount Kambala; and is croffed in the way to Lassa, about 12 miles farther on, either over a bridge, or in a boat. The bridge, as well as most others in this country, is composed of iron chains stretched from side to side, with planks or logs laid across them.

Giorgi fays that the chains are composed of 500 links, each a foot long †. We may conclude that the bridge is laid over the narrowest part they could find, which, by this account, is 160 English yards in breadth; otherwise we might expect a larger body of water in a river that had ran at least 7 or 800 miles; and had received into its bed, so great a number of streams. I compute that at this crossing place, the Sanpoo (which is afterwards called the Burrampooter) has as far to run to meet the sea, as the Ganges has at its first entry on the plains of Hindoostan; that is, about 1350 B. miles.

The city of Lassa is, by the road, about 24 miles to the north-eastward of the crossing place of the Sanpoo; and is situated in a spacious plain. It is not considered as a large city; but the houses are of stone, and are spacious and losty. The mountain of Putala, which contains on its summit the palace of the grand Lama, the High Priest and Sovereign of Thibet, is about 7 miles on the east of the city.

Much confusion arises from the application of so many different names to this capital of Thibet. Giorgi tells us, that the proper name of it, in the language of Thibet is Baronthala; but that the Tartars call it Lassa, or Lahassa. Other accounts call it Tonker; and apply the names Lassa and Baronthala to the district which contains Tonker and Putala. And again others give the name of Putala instead of Lassa, to the capital of Thibet. But we ought to apply the name Lassa, or Lahassa, to the capital; and to consider

<sup>\*</sup> Sanpoo, in the language of Thibet, means The River.
† I take it for granted that he means Italian feet.

Putala as the cassie and palace of the Lama, and his ordinary place of residence.

By Thibet, or more properly Great Thibet, we are to understand all that vait country extending from the sources of the Indus to the borders of China; and from Hindoostan, to the great desert of Cobi, northward; though we have but a faint idea of its extent towards that quarter. Its length from east to west cannot be less than 1600 British miles: its breadth is very unequal. We are informed generally that it is divided into three parts; that is, Upper, Middle, and Lower Thibet. The upper division seems to respect the countries towards the sources of the Ganges and Sanpoo rivers: the middle, that in which Lassa is situated, and of which it forms the centre: and the Lower Thibet, that which borders on China. But the subject is obscure, and likely to remain so. I am not informed, whether or not the country called Little Thibet is subject to Lassa: this is situated between Upper Thibet and Cashgur.

Considering the exceeding rough and sterile state of the country of Thibet, and the severity of its climate, from its wonderful elevation, we are assonished to find its inhabitants in a high state of civilization; their houses lofty and built of stone; and the useful manufactures in some degree of improvement. All these advantages they probably owe to their vicinity to the Chinese; to whom, indeed, the Lama is tributary. For an account of Thibet, see Assley's Collection, Vol. IV.; Phil. Trans. Vol. LXVIII.; and the Alphabetum Thibetanum.

With respect to the heads of the Ganges and Sanpoo rivers, although they were visited by the Lamas or priests, sent by the Emperor Camhi, whose laudable curiosity led him to add these particulars to the geography of Thibet; yet we are far from being well informed, concerning the true positions of these celebrated sountains. A late publication by M. Bernoulli (who has done metoo much honour in the course of it) contains among a variety of other matter, a map of the courses of the Ganges and Gogra rivers;

G g 2 drawn.

drawn by M. Anquetil du Perron, from the materials of the lite P. Tiefentaller. This map is highly interesting, on the score of its containing the course of the Ganges, as high up as the Gangotri, or cavern, styled by the Hindoos, the cow's mouth; and which is near 300 miles above the place where the Ganges enters Hindoostan: as well as the course of the Gogra river, to its source, in the western part of Thibet. Unfortunately, no observations appear to have been made for the purpose of determining the latitudes of either of these places: which, on a course approaching to meridional, would have furnished a rule for correcting the distances: those remaining quite problematical, from the circumstance of the route's being very crooked, and passing through a very mountainous country; to which the scale of computed cosses cannot be applied, with any degree of certainty. What is yet more against the latter part of the performance (the Gogra river) is, that P. Tiefentaller did not visit the source of it, himself, as he did the Gangotri; but stopt short at a place not far within the Kemaoon mountains, and took the account of the upper part of its course, from a native (of Hindoostan we may presume). The names of places, and remarks, are written in the Perfic character, and translated (it appears) by M. Anquetil du Perron.

But notwithstanding any imperfections that may be imputed to the materials, or want of judgment in determining the scale, this map conveys much intelligence respecting the heads of the Ganges and Burrampooter rivers, as well as that of the Gogra; if we employ the lights furnished by Du Halde, in his map of the heads of the Ganges and Sanpoo, to illustrate the subject before us. Let us proceed to the examination of it, without any regard to nicety of scale.

The Gogra or Soorjew river, then, is traced into a lake named Lanke-Dhe; which has immediately on the east of it, but without communicating with it, a much larger lake, named Mansaroar; out of which proceed two rivers, the one to the west, or NW,

the other to the cast, or SE. Both of these lakes are said to be fituated within Thibet; as indeed some of the villages on the bank of the Gogra, much farther to the fouthward, are. By the construction of M. Anquetil's map, the site of these lakes is carried as high up as the latitude of 36°: however, by an analysis of the fcale, they can hardly be higher than 3310; as will be presently Now, in the Lamas' map of Thibet, the heads of the Ganges and Sanpoo rivers (which last, is called the Burrampooter, in the lower part of its course) are separated only by a ridge of mountains, named Kentaisse. The head of the Ganges is composed of two streams, which run westward; and the southmost of these branches runs through two lakes, of which the first is named Mapana, and the second Lanken. These lakes are placed in respect of each other, as Tiefentaller's are; and the names of the corresponding ones, are Lanke in one, and Lanken in the other account: and Mansaroar, and Mapana. The names of the latter have certainly no affinity with each other; but the fimilitude in point of fituation, remains. The river that runs from the Lanken lake in Du Halde, is named Lank-tshou: and that from the Lanke lake of Tiefentaller, is the Gogra. With regard to the two rivers that iffue from the Mansaroar lake of Tiefentaller, that which runs to the west is faid to be the Satloudj (Setlege) a river that has been noticed in page 83, as the easternmost of the five Panjab rivers. This particular, however, the author himself discredits, and very justly: and the reader by turning to the map of the heads of the Indus, &c. at page 102, may fatisfy himself as to the probability of it. In my opinion, this is the fouthernmost of the two heads of the Ganges, above noticed; and which is known to run by Dsaprong, or (Chaparang) a confiderable city not a very great way to the westward of these lakes (vide Lama's map in Du Halde, or D'Anville's map of Asia). If it be objected that the Ganges is too famous a river to escape the notice of the people who knew the Burrampooter, at its fource; I answer, that I do by no means believe that the people

in Thibet know the Burrampooter, by any other name than that of Sanpoo; and that the word Burrampooter is an interpolation. Indeed the writing in the map, imports only, "it is faid that the Burrampooter, &c." and the translation of the Perfic writing, at the efflux of this eastern river, gives a very different idea; being "Grand Riviere qui va du côte de Neipal" (or Napaul). It is clear, however, that the people have an idea, that the western river has a very long course. I scruple not to believe, that the Lanke lake of Tiefentaller, is the Lanken of Du Halde; and that the Mansaroar of one, is also the Mapana of the other: and that the circumstances relating to the effluxes of the rivers, which appear to contradict each other, have not been carefully examined into, either by one, or the other party. As the Mansaroar lake is said to be 60 milles Indiens (which ought to mean cosses) in circumference, that is, 115 B. miles; we can hardly suppose that the native who furnished the account, made the tour of it, either to measure its extent, or to explore the heads of the rivers: and on the other hand, the Lamas fent by CAMHI, might take a great deal of their account on trust. Therefore without contending about the exact circumstances of the case, I have described the Canges (that is, the southern branch of it) as iffuing out of the lake Manfaroar: but have not regarded the eastern river as the Burrampooter, or Sanpoo; because it would be doing too much violence to the account given by the Lamas; which describes the Sanpoo as issuing from the eastern side of Mount Kentaisse, and at least 40 miles from these lakes. Befides, the Lamas give an account of a third lake named Conghé, which intervenes between the Manfaroar lake, and the head of the Sanpoo. If I am mistaken in my conjectures, I cannot missead others, while the map is accompanied with this discussion. The Lamas' map which appears in Du Halde, places the head of the Ganges in latitude 2910; and M. D'Anville found it necessary to remove it almost as high as 32°. In the present map, it stands in 33 to : all which may ferve to shew how vague a performance the Lamas'

Lamas' map is, which errs 3½° in latitude. It also placed Lassa, which ought to be a well known position to them, a sull degree too far to the south.

In the construction of the map of the Gogra, 32 cosses are reckoned to a degree, in a country, the most rugged and mountainous, imaginable; while 42 is the flandard in the level country. A distinction, however, must be made in the scale of the upper and lower parts of the course of the river. For, from Mirzapour, which occurs in my map of Oude, to the lake Douloo-Sagur, the country is generally level: and was also explored by Tiefentaller himfelf; while the upper part is taken from the reports of a native. Therefore I have allowed 43 coffes to a degree, between those two points; so that the distance will be 98 G. miles, instead of the 131 in the map. Then for the upper part of the river, I have allowed 60 cosses to make a degree, instead of 32: by which the diffance from the lake Douloo-Sagur, to the lake Lanke, is only 230 G. miles, instead of the 373 on the map. To those who may object to so great a diminution, as from 60 to 32; I shall observe, that 32, or even 371 cosses to a degree, is a proportion widely different from that which my experience fuggetts: and which allows 42 in the level country of Hindoostan proper: (see page 5) and whosoever has travelled in very mountainous countries, and has moreover traced the course of a river through it; will not object to the diminishing to 1, what was 1,43 in the plains: for this is the proportion between 60 and 42.

If Tiefentaller's scale is right, the Lanke lake would be in latitude 36° and upwards; which I consider as highly improbable. It is certain that our best maps of Asia (that is, D'Anville's) present nothing but a blank space, in the part assigned to the heads of these rivers, by M. Anquetil du Perron: and therefore, there is no positive evidence against it.

In ascending this river Gogra we find noted in the map, not far within the first ridge of mountains, and near the second ridge, three

three fubterraneous caverns, from whence proceed with violence, fire, wind, and water. No other particulars are given. About 30 miles higher up, the Gogra forces its way through that vast ridge which has been often taken notice of before, under the name of Himmaleh, and which is a branch of the Himaus, or Imaus, of the ancients. This ridge, which is covered with snow, and visible from the plains of Hindoostan, appears to be the general boundary of Thibet, through that whole extent from the Ganges to the Teesta river; inclosing between it and Hindoostan, a tract of country, from 100 to 180 miles in breadth; divided into a number of small states, none of which are understood to be either tributaries or feudatories of Thibet: such as Sirinagur, Almora, Kemaoon, Gorka, Napaul, and Morung. Bootan, a feudatory of Thibet, closes on the east of this tract; and is the extent of our knowledge, as to particulars, that way.

The small number of towns and villages on the banks of this river, induces one to suppose that the western part of Thibet, is no better inhabited than we have before described the eastern part of it to be. Indian names prevail, even within Thibet: and a temple of Mahadeo is found on the banks of the Mansaroar lake.

We have before stated the distance of the cow's mouth, or Gangotri, to be about 280 or 300 road miles, above Hurdwar; where the Ganges enters the plains of Hindoostan. As the compass of Tiefentaller's map of the Ganges, declines 12 degrees more to the westward of north, than that of the survey does, between Allahabad and Hurdwar; this allowance is made accordingly: and Tiefentaller's distance exceeds that of the survey, within the same space, which is 331 G. miles, about  $\frac{1}{12}$  of the whole. Not being absolutely certain whether or not Tiefentaller took the latitude of Gangotri, I did not venture to alter the parallel in which he has placed it, 33°: but contented myself with correcting the bearing 12 degrees; thereby shortening the distance, which was originally 240 miles, to 227. If the latitude was not taken, by coelestial observa-

observation, but the distance calculated on the scale of 37½ cosses to a degree, the Gangotri will still be placed too far to the north.

To fum up the whole information, collected from the different accounts of the upper part of the course of the Ganges, it appears that the two branches of it, which spring from the western side of Mount Kentaisse, take their course westward, inclining considerably to the north, for a course of about 300 miles, in direct distance; when meeting the great chain or ridge of Mount Himmaleh, which extends from Cabul along the north of Hindoostan, and through Thibet, the rivers are compelled to turn to the fouth; in which course they unite their waters, and form what is properly termed the river Ganges. This great body of water now forces a passage through the ridge of Mount Himmaleh, at the distance, possibly, of 100 miles below the place of its first approach to it, and sapping its very foundations, rushes through a cavern, and precipitates itself into a vast bason which it has worn in the rock, at the hither foot of the mountains. The Ganges thus appears, to incurious spectators, to derive its original springs from this chain of mountains: and the mind of superstition has given to the mouth of the cavern, the form of the head of a cow; an animal held by the Hindoos, in a degree of veneration, almost equal to that, in which the Egyptians of old, held their god Apis.

From this second source (as it may be termed) of the Ganges, its course becomes more eastwardly than before, through the rugged country of Sirinagur; until, at Hurdwar, it finally escapes from the mountainous tract, in which it has wandered for about 800 B. miles. At Hurdwar, it opens itself a passage through Mount Sewalick; which is the chain of mountains that borders on the level country, on the north of the province of Delhi. Even Sewalick would be deemed a lofty ridge, but for the presence of Mount Himmaleh, or Imaus; which rises behind its when viewed from the plains of Hindoostan.

H h

It may truly be faid that the knowledge of the origin of the Ganges was referved for the present age: for it was as late as the year 1717, that the Emperor Camhi, sent persons to explore it, and to bring some of its water back with them to Pekin, a journey of about 2500 B. miles from the head of the Ganges. Until the result of this expedition was known in Europe, it was believed, on the faith of the Hindoos, that the springs of the Ganges, were at the foot of Mount Himmaleh.

A circumstance attending the courses of the Ganges and Burram-pooter rivers, in respect to each other, is remarkably singular. Issuing from opposite sides of the same ridge of mountains, they direct their courses towards opposite quarters, till they are more than 1200 miles assunder; and afterwards meet in one point near the sea, after each has performed a winding course of more than 2000 miles. Our ignorance of this circumstanc, till so very lately, is a strong presumptive proof, that there yet remains a vast field for improvement, in the geography of the eastern part of Asia.

#### SECTION VII.

TABLES of DISTANCES in HINDOOSTAN.

HE following Tables, will, it is hoped, be particularly acceptable, not only to those, who for useful purposes may be desirous of calculating the time required for a courier or messenger to travel from one place to another, but also to those, who on the score of curiosity, or for the illustration of history, may wish to be informed of the distances between the principal towns in Hindoostan. This information cannot be obtained merely by the application of the compasses to the map, because the windings and instections of the roads are not there taken into the account: but an approximation towards it, may be obtained, by the double operation of measuring the distance on the map, and then applying to it, the rule given in page 7 of this Memoir.

To accomplish the task above proposed, I first selected the names of such cities and other places as appeared likely to become objects of enquity in suture; and in so extensive a country, no less than 168 such places occurred. To have given the distance between every two of these places respectively, would not only have extended the tables to an immoderate length (upwards of 14,000 distances occurring on the above number) but would have burthened the purchaser with much useless matter. For instance, although Jimpour has a political connexion with Lucknow, and Tanjore with Madras; can't it may be necessary that the distance of each of these subordinate places from its superior, should be given:

Hh2

yet, as Jionpour and Tanjore stand in little or no relation to each other, it was of no use to give the distance between them. The same may be said of most of the other subordinate places.

The method, therefore, that I have followed, is this: I have chosen such places as appear to be of the greatest political consequence (such as the British Presidencies, and the Courts of the native Princes) and of which I reckon 12; and considering them as centres, have formed for each a separate table, in which the distance from the central place to every other place of note, whose situation may be supposed to become a matter of enquiry, is inserted; the names following in alphabetical order. A page is allotted to each of these central places, which are AGRA, BENARES, BOMBAY, CALCUTTA, DELHI, HYDERABAD, LUCKNOW, MADRAS, NAGPOUR, OUGEIN, POONAH, and SERINGAPATAM, and these also follow in the same order.

The tables contain near 1000 distances; and although these are reckoned only from 12 different points, yet by attending to the particulars of each table, a great many other distances may be found; as the communication between places, is usually by the medium of the capital towns that intervene (see page 6). For instance, the distance between Arcot and Allahabad may be collected from the tables of Hydrabad and Nagpour, as these places lie in the line of direction between the two former. Also, the distance between Patna and Aurungabad may be found by means of the Nagpour table: and that from Mirzapour to Surat, by subtracting the distance of the one from the other, in the Benares table. And by the same methods, the distances between most other places of note may be found. And in order to facilitate the search, and bring into one view the respective positions of the several places mentioned in the tables, I have added a small map.

To avoid repeating the distances between the 12 central or primary places, through every table, they are inserted in that table, alone, whose name stands first in the alphabet. Thus the distance

Ó

between CALCUTTA and AGRA, will be found in the AGRA table, and not in that of CALCUTTA.

With respect to the distances themselves, it must not be expected that they are in general critically exact; for although the positions of 8 out of the 12 primary places are determined with some degree of precision; and 3 out of the 4 remaining ones, pretty nearly; yet the intermediate roads have, in few instances (those between Bengal and Delhi excepted) been measured. But since the publication of the first tables, the measured routes of Col. Pearse from Calcutta to Madras, Mr. Ewart's between Calcutta and Nagpour; and Mr. Pringle's tables of routes in the Carnatic; have come to hand: and the present tables will accordingly be found much improved. The deficiencies could only be supplied by the computed distances; which, however, appear to come as near the truth in India, as in any country whatever: or where these have failed, by allowing fuch a degree of winding, as is found by experience to take place in a fimilar kind of country. The coss is always reckoned at one British mile and nine-tenths, in road measure. other particulars respecting the length of the coss, and the windings of roads, the reader is defired to turn to the first pages of this Memoir.

The length of a day's journey in Hindoostan (as has been observed before) is from 11 to 12 cosses, or about 22 miles, for an ordinary traveller. But that of a courier, or professed messenger, may be reckoned at 30 or 33; and on occasions of emergency, they can travel even more; and that for a continuance of 15 or 20 days.

A regular post is established throughout the parts of Hindoostan subject to the East India Company, and also from Calcutta to Madras. The postmen always travel on foot. Their stages are commonly from 7 to 8 miles; and their rate of travelling within our own districts, about 70 miles in the 24 hours.

# T A B L E I.

# A G R A, to

70.1.10			
Agimere E - British 1		Hurdwar -	British Miles.
Allahabad -	230		217
Amedabad	296	Hydrabad by Elichpour	806
Amednagur -	534	by Nagpour	835
Arcot	7 <sup>1</sup> 3 1160	Jagarnaut -	793
Attock -		Joinagur <i>or Jaepour</i> Lahore	136
Aurungabad -	704	Lucknow -	<i>5</i> ° <i>3</i>
Bareilly	633		202
Beder	129	Madras by Elichpour	1158
Benares -	740	by Nagpour	1187
Bisnagur	379	Masulipatam -	831
	989	Meerta -	294
Bombay by Burbanpour	848	Mirzapour	- 346
by Amedabad -	858	Moorshedabad -	826
Burhanpour Cabul	508	Moultan by Delhi -	61 <b>1</b>
	922	Mundu	420
Calberga	86 <i>5</i>	Myfore	1238
Calcutta by Moorshedabad	944	Nagpour by Hussingabad	548
by Birboom -	839	by Chatterpour	514
Calpy -	160	Napaul	424
Cambay -	587	Narwah	- 127
Candahar	942	Oude or Fyzabad -	287
Canoge	127	Ougein by Narwah	+ 374
Cashmere	728	Patna -	544
Cattack	785	Pondicherry -	1287
Chatterpour	212	Poonah	796
Cheitore	300	Ramgaut	74
Corah -	184	Rantampour	120
Dacca -	990	Ruttunpour -	- 513
Delhi	117	Satrarah	840
Dowlatabad -	628	Seringapatam -	1230
Ellichpour	487	Sirong	253
Etayah	71	Sumbulpour -	617
Fyzabad. See Oude.		Surat by Amedabad	- 68o
Goa -	1020	Tatta or Sindy	887
Golconda 🗼 🔭 🐷	790	Visiapour -	825
Gwalior g	80	Warangole -	- 868
in the second of		-	

# TABLE II. — BENARES to

			5 10
A -:	British Miles.		British Miles.
Agimere -	- 57 I	Hydrabad -	- 75 <sup>I</sup>
Allahabad -	- 83	Jagarnaut _	512
Amedabad -	<del>-</del> 793	Jionpour -	- 42
Arcot -	1105	Indore -	- 584
Attock	1083	Joinagur or Jacpour	- 515
Aurungabad -	740	Lahore -	- 882
Balasore by Chuta Nagpo	ur 316	Lucknow -	- 189
Bareilly -	345	Madras by Hydrabad	1103
Baroach -	820	Masulipatam by Nagp	our 853
Beder	726	Meerta _	- 636
Bidjigur	- 56	Mindygaut .	- 253
Bilfah	416	Mirzapour -	- 30
Bombay by Nagpour	- 982	Monghir	- 255
by Burbanpour	950	Moorshedabad by Bir.	boom 417
Bopaltol -	449	by Mon	7
Burhanpour by Sagur	609	Moultan -	
Buxar -	70	Mundlah -	- 990 - 306
Cabul	1301	Myfore -	- 1165
Calberga or Kilberga	782	Nagpour -	- 430
Calcutta by Moorshedabad	565	Napaul -	- 280
by Richaam	- 460	Narwah _	- 356
Calpy -	239	Oude _	+ 130
Cambay	806	Ougein _	- 554
Candahar -	- I32I	Patna by Buxar	- 155
Canoge	259	by Daoadnagur	- 165
Cashmere -	- 7707	Pawangur -	754
Cattack, by Chuta Nagp	our 452	Pondicherry	- 1203
Chatterpour -	- 237	Poonah by Nagpour	- 916
Cheitore	601	by Burhanpou	r 897
Chittigong	752	Ramgaut	- 419
Chunargur =	- 17	Rewah _	- 126
Corah	195	Rotafgur	- 81
Dacca Delhi	601	Kuttunpour	- 275
Dowlatabad -	496	Sagur -	- 341
Ellichpour -	742	Sattarah -	- 942
Etayah	- 55 <sup>2</sup>	Seringapatam -	1157
Furruckabad	308	Sindy or Yatta	7 1210
Fyzabad. See Oude.	295	Sirong	' <b>-</b> " 389
Ganjam	الإرباط أن الأرباط الأ أن المربط ال	Sumbulpour	- 275
Ghod or Gobud	570	See by Sirong and O	ugein 863
Goa	336	by Burbanpour	369
Golconda	1070	Tanjore by Nagpour	1273
Gurrah	750	Tritchinopoly Wife	1277
Gwalior	270	Visagapatam Visagapatam	758
Hurdwar	355	Visiapour	876,
	<del>-</del> 500		

#### [ 240 ]

# TABLE III. BOMBAY to

			1				
		Britist	Miles.			Britif	Miles.
Agimere by	Amedabad		650	Jagarnaut	-	m	1052
Allahabad A	hy Nagpour		977	Jansi -	-		728
Amedabad	-		32 I	Jesselmere ·	-	-	680
Amednagur	' by Poonals	)	181	Indore by Par	wangur	-	456
Anjenga	-	-	900	Joinagur or 3	taepour	-	740
Arcot	-		722	Lahore	_	-	1010
Aurungabad			260	Lucknow	***	-	923
-	by Poonal	5	284	· Madras	-	-	758
Baroach		~	22 I	Mangalore	-	~	518
Bassen	-	-	27	Masulipatam			686
Beder			426	Meerta	- ,	-	610
Bednore	-	-	452	Mirzapour	-	-	952
Bisnagur	-	•	398	Moorshedabad			1259
Bopaltol	7 70 7	-	516	Moultan by J	esselmere		920
Burhanpour	by Poonab		386	Mundu	-	-	454
C 11	by Chandon	r.	340	Myfore	***	•	630
Calberga	- ,	-	386	Nagpour by P	'oonab	-	577
Calcutta by.	Poonah	-	1301		Gallian		552
Callian	-	-	32	Narwah	-	-	72 T
Calpy	•	•	82 r	Onore .	• •		208
Cambay	-	-	28 I	Oude by Burbo	anpour and	d Sirong	1013
Canoge	•	•	889	Ougein by Par	wangur	- ~	486
Cashmere	-	•	1233	by Bu	rbanpour		504
Cattack	-	**	1034	Patna by Rew	ab .	<b>~</b>	1145
Chatterpour	<b>.</b>		747	Pawangur	-	•	286
Cheitore	_	•	547	Pondicherry	•		805
Cochin Corah	-	-	780	Poonah	•	-	98
		•	853	Ruttunpour	•	-	772
Damaun	- 3 - 2 - 1	<i>-</i>	107	Saler-Mouler	-		182
Delhi by Am	eaavaa ana	Agimere	880	Sattarah	•	•	146
Dowlatabad	banpour	-	965	Seringapatam	•	•	62 z
	Pari Ou I		258	Sindy or Tatta	-		741
	See Oude.			Sirong .	• •		595
Goa - Golconda	••		292	Sumbulpour	•		826
Gorconda Gwalior	•	-	475	Surat -	•		177
	Cour	•	768	Tellicherry	-	-	615
Huffingabad Hydrabad	<b>Gaut</b>		500	Visiapour		-	234
- Ly di avad		, <b>*</b>	480	Vizrabuy or V	izarabie	•	48

#### [ 241 ]

#### TABLE IV.—CALCUTTA to

	Butlih Miles.	British	Miles.
Adoni	1030	Canoge by M	824
Agimere by Moor, bedabas		by B	719
by Birbcom	- 1030	Cashmere, Capital of, by M.	1672
Allahabad by M.	- 649	by B	1567
by В	544	Cattack	251
Amedabad by Ougein	1234	Chatterpour by M	803
Amednagur -	1119	by B	698
Anjenga	1577	Cheitore by M	1168
Aracan	<del>4</del> 75	νν B	1063
Arcot -	- 1070	Chittigong	317
Assim, Capital of -	660	Chunargur by M	574
Attock	, 1648	by B	469
Ava	1150	Cicacole	490
Aurungabad -	1022	Comorin Cape -	1470
Bahar	297	Condavir or Guntoor	79 E
Balafore -	- 141		760
Baroach by Nagpour	- 1220	by B	655
Bareilly by M.	910	Dacca	177
Ďy Β.	805	Delhi by M	1061
Basseen by Poonab	- 1317	ы́у В	9,56
Beder	980		344
Bednore -	1290	Dowlatabad	1020
Bilfah by Mundlah	- 867	Ellichpour	844
Bilnagur -	- 1120	Ellore	719
Bopaltol by Mirzapour	929	Etayah by M	873
by Mundlah	<b>→</b> 892	<i>by Β</i>	768
Burhanpour by Nagpour		Furruckabad by M	860
Buxar by M.	485	by В	755
by B	- 408	Ganjam	369
Cabul by M: -	-1866	Gangpour	
by B	- 1761	Ghod or Gohud by M.	39 <i>3</i> 888
Calberga by the Circars	1018	by B	783
Calpy by M.	804	Goa	1300
by B	- 699		907
Cambay by Nagpour	- 1273		•
by Mundlah and	Ougein 1253		910
Candahar by Moorshedab	ad 1886.		805
by Birboom	- z 1781		j <del>ar</del> ⊊ jarah
चक्रम, १४, ११ वर्ग कर्म ।	ima (° €⊈ dje '	groups to the state	•

# [ 242 ]

#### CALCUTTA to

	British Miles.	British	Miles.
Hurdwar by M.	1980	Ongole	829
by B	97 <i>5</i>	Oude by Moorshedabad and Be	_
Hunsligabad Gaut by Nagy	<i>bour</i> 909	nares -	695
Hydrabad by Nagpour	1043	by Birboom and Benares	590
by the Circars	902	by Moorshedabad and Azi	m-
Jagarnaut	- 311	gur -	639
Indore by Mundlab -	1030	by Birboom and Azimgur	562
Joinagur or Jacpour by M.	1080	Ougein by Patna -	1066
by B.		by Nagpour -	1062
Lahore by M.	1447	by Mundlah -	997
_ by B. • -	1342	Patna by M.	400
Laffa -	- 8 <sub>5</sub> 0	by В	340
Lucknow by M.	754	Pawangur by Ougein -	1197
<i>by B.</i> -	649	Pondicherry	1130
Madras	1030	Poonah by Nagpour	1208
Madura -	1336	by the Circars	1289
Masulipatam -	764	Ramgaut by M.	984
Meerta by M.	1197	<i>by B</i>	879
<i>by B.</i>	1092	Rajamundry	665
Mindygaut by M.	<b>818</b>	Ruttunpour by Little Nagpour	493
<i>by B.</i> -	713	by Cattack	545
Mirzapour by M.	598	Sagur by Mundlah	806
<i>by B.</i> -	493	Sattarah by Nagpour -	1232
Monghir by M.	301	Seringapatam -	1170
by B.	275	Silhet	325
Moorshedabad	118	Sindy or Tatta -	1602
Moultan by M.	1565	Sirong by Benares -	849
by B	1450	Sumbulpour by Cattack	44I
Mundilla	634	by Little Nagpour	438
Myfore -	1178	Surat by Benares and Ougein	1309
Nagpour, Great		by Nagpour	1238
by Ruttunpour	722	Tanjore -	1235
by Cattack	733	Tritchinopoly -	1238
Nagpour, Little	286	Visagapatam	557
Napaul	591	Villapour by the Circurs	1183
Narwali by M.	922	by Aurungabad	1216
by B.	817	· 18 /	•
, <b>O</b>		* *	

#### [ 243 ]

# TABLE V.—DELHI to

4 •	British Miles.		British Miles.
Agimere _	- 230	Jagarnaut -	- 910
Allahabad -	- 412	Jionpour -	- 456
Amedabad -	<b>-</b> 610	Joinagur or Faepour	- 156
Amednagur	- 830	Jummoo -	- 379
Aracan -	1420	Lahore -	- 386
Arcot -	- 1277	Lucknow -	7 279
Affam -	- 1318	Madras by Ellichpour	1275
Attock -	- 587	by Nagpour	~ 1304
Aurungabad	750	by Burkanpour	1357
Bahar -	- 642	Masulipatam	- 1084
Bareilly -	- 142	Meerta -	
Beder -	* 857	Mindygaut -	~ 295 ~ 220
Bifnagur -	• 1106	Mirzapour _	
Burhanpour	- 625	Moorshedabad	463
Cabul -	- 805	Moultan	- 943
Calberga _	<del></del> 982	Myfore -	- 494
Calpy _	277	Mundu -	- 1330
Cambay .	- 66g	Nagpour -	- 48I
Candahar	903	Napaul -	- 63 E
Canoge -	. 825	Narwah :	500
Cashmere by Labore	- 214 - 611	Oude -	- 244
Cattack -		_	~ 364
Cheitore -	902	Ougein -	~ 435
Comorin Cape	327	Panniput	72
Corah _	- 1728	Patna -	- 66r
Dacca -	301	Pishour or Peishore	<del>~</del> 634
Dowlatabad .	- 1107	Pondicherry -	1400
Ellichpour -	745	Poonah -	- 913
Etayah -	* 604	Ramgaut -	77
	<b>- 188</b>	Ruttunpour	633
	7 3 3	Sattarah -	- 963
Ghizni <i>or Gazna</i> Goa	749	Seringapatam	1321
Golconda -	1158	Sindy or Tatta:	- 810
	<del>-</del> 958	Sirhind -	195
Gwalior -	- 197	Sirong -	- 370
Hurdwar	- 117	Sumbulpour -	730
Fluffun-Abdaul	- 550	Surat	756
Hydrabad by Ellicope	1UT 622	Viliapour 2	916
by Nagpous	r 952	Warangole	= 985.
† .	The thing with life in	112	- 1938 T
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ा <b>भारताल ज</b> ूरी	<b>^'</b>

#### [ 244 ]

# TABLE VI. — HYDRABAD to

Britic	h Miles.	, British A	#:1
Adoni	175	Jagarnaut	
Agimere	800	Janfi	591
Allahabad		Indore	684
Amedabad	703 661		550
Amednagur -		Ingeram	272
Arcot	335	Joinagur or Jaepour -	829
	354	Lahore - I	1309
Aurungabad Balafore	295	Lucknow	795
	761	Madras	352
Bancapour (Sanore)	267	Madura	613
Bangalore -	352	Mahur or Maor -	173
Baroach or Broach	549	Mangalore -	470
Beder	78	Masulipatan + -	203
Bednore	413	Meerta'	800
Bilfah	506	Mirzapour '-	722
Bifnagur	264	Moorshedabad - 1	020
Bopaltol	495	Mundu	498
Burhanpour by Jaffierabad	380	Myfore	414
by Aurungabad	417	Nagpour -	32 I
Calberga -	116	Narwah	679
Calpy	715	Neermul	144
Cambay	620	Omrautty –	293
Canoul	127	Ongole	164
Cattack	651	Oude	811
Chatterpour -	623	Ougein by Jaffierabad	
Cheitore	713	Patna by Nagpour and Rewab	544
.Chitteldroog	322	Pondicherry -	914
Cicacole	412	Poonah -	452
Combam-or Commum	*	Rachour -	387
Condanore	145		91
Condavir	156	Rajamundry Raolconda	237
Condapilly	131		144
Corah -	142	Roydroog -	25 <b>2</b>
Cuddapa	728	Ruttunpour	55I
Dalmacherry -	230	Sagur	536
Dawlatabad -	278	Sattarah	366
	303	Seringapatam	406
Ellichpour	319	Sindy or Tatta 1	1074
	183	Sirong -	<i>553</i>
Fyzabad. See Oude.	14, 1	Sirripy -	317
Ganjani	533	Soliapour	144
God	416	Surat -	575
Golconda	5	Tanjore	522
Gooty **	1.78	Timerycotta -	71
Guntoor. See Condavir.	•	Tinevelly	709
Guirameonda	275	Tritchinopoly -	526
Gurry-Munulah	476	Vilagapatam -	355
Gwalior	726	Visiapour -	269
Huffingabad Gaut -	444	Warangole -	62
Jaffierabad	303	Yanam	272
The second secon	y - U	Talland 3 3	-12

#### [ 245 ]

# TABLE VII.—LUCKNOW to

British Mi	les.		British Miles.
Agimere - 4	28 Goorackpo	our -	170
	27 Gwalior	-	211
	70 Hurdwar	-	31 <b>t</b>
•	47 Jagarnaut	-	<b>6</b> 6 <b>o</b>
	96 Jansi	-	· 19 <b>0</b>
Bahar 3	88 Jionpour	•	147
Bahraitch	73 Indore	-	- 522
Bareilly 1	56 Joinagur a	r Jaepour	- 338
	61 Kairabad	_	- 3r
Belgram	70 Lahore	•	- 639
Bilfah g	67 Mahomdy		92
Bidzigur - 2	34 Masulipat	am <i>by Nagpour</i>	897
Bopaltol 3	98 Meerta		493
Burhanpour - 5	73 Mindygau	t -	69
Buxar - 2	32 Mirzapou	r -	182
Cabul - ro	84 Monghir	-	- 416
Callinger or Kawlinger	49 Moorshed	abad -	597
Calpy - 2	98 Moultan	~	742
Canoge	75 Mundlah	-	337
	90 Nagpour	-	- 474
Cattack 6	41 Narwah	<b>-</b>	- 258
Cawnpour	49 Oude or I	<sup>7</sup> yzabad	- 85
Chanderee - 2	70 Ougein	-	<b>-</b> 495
Chatterpour - 1	72 Patna	-	- 316
Cheitore -	og Pondicher	ry -	1247
	41 Poonah	·	882
	97 Ramgaut	•	201
Corah	67 Rewah	•	- 182
Currah -	93 Rotasgur	<b>~</b>	- 270
Dacca	90 Ruttunpo	ur -	392
Dowlatabad - \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	28 Sagur	* *	300
	04 Sattarah	•	910
Etayah - 🕹 i	44 Seringapa	tam -	1201
9°3 ' 1 1 1	II Sindy or I	Tatta -	1089
Fyzabad. See Oude.	Sirong	-	- 318
Ghod or Gobud -	88 Sultanpou	r -	92
	115 Sumbulpo	ur -	497
	Vinapour	i f vi i	920

# [ 246 ]

#### TABLE VIII. - MADRAS to

British Miles.       British Miles.         Adoni       -       310       Guntoor.       See Condavir.         Agimere       -       1152       Gurramconda       -       153         Allahabad       -       1055       Gwalior       -       1078         Amedabad       -       1049       Jagarnaut       -       715         Anjenga       -       506       Indore       -       902	33 9 2 9 1 7
Agimere       -       -       1152       Gurramconda       -       153         Allahabad       -       1055       Gwalior       -       -       1078         Amedabad       -       -       1049       Jagarnaut       -       -       715         Anjenga       -       -       506       Indore       -       -       902	3 9 2 9 7
Allahabad - 1055 Gwalior 1078 Amedabad 1049 Jagarnaut 715 Anjenga 506 Indore 902	3 9 2 9 7
Amedabad 1049 Jagarnaut 719 Anjenga 506 Indore 902	9 2 3 1 7
Anjenga 506 Indore 902	2 3 1 7
A	9 E 7
Arcot 73 Ingeram 399	E 7
Aurungabad - 647 Lahore - 1661	7
Balasore 689 Madura by Tanjore : 307	
Bancapour (Sanore) - 416 Mangalore - 440	•
Bandarmalanka = 358 Masuliparam - 29:	
Bangalore - 215 Mirzapour - 107.	
Baroach 947 Moorshedabad - 114	
Beder - 430 Mundu 850	•
Bednore 445 Nagpour 67	3
Bishagur 386 Negapatam - 18	2
Burhanpour by Aurungabad 760 Nellore - 120	
by Jaffierabad 732 Oude - 116	
Cabul 2080 Ougein 89	
Calberga 422 Palamcottah - 40	r
Cambay - 998 Patna by Nagpour - 126	
Canoge 1141 Pondicherry - 10	
Canoul 279 Poonah 666	
Cattack 1886 Rachore = - 32 Cattack 779 Rajamundry - 36	
7/7	3
والمراجع المراجع المرا	
الأوراد والأراد والمناطقة والمناطة والمناطقة والمناطقة والمناطقة والمناطقة والمناطقة والمناطقة و	1 1
Cicacole 540 Satingapatam 29 Combetour 26 Siccacollam 26	
Comorin Cape (Arameny Gate) 440 Sirong 90	5.
Condapilly - 306 Sirripy - 28 Condavir - 276 Surat - 00	
Conjeveram - 46 Tanjore - 20 Corah - 2085 Timerycotta 27	
The second state of the second section is the second secon	
Cuddapa - 16	5
Dalmacherry - 46	4
Dindigul - 275 Tritchinopoly - 20	
Dowlatabad 655 Tutacorin 5 39.	
Ellichpour 671 Vellore = 8	
Ellore 3,10 Visagapatam 48.	
Ganjam - 661 Vinapour - 53.	
Goa 575 Warangole - 41	
Golconda = 358 Yanam = 3	0
Gooty of Gutti 269.	

# [ 247 ]

# TABLE IX.—NAGPOUR to

Adoni	British Miles.	TT 40	British Miles.
Allahabad -	496	Hussingabad Gaut	- 187
Amedabad _	- 382	Jagarnaut -	- 500
Amednagur -	<b>-</b> 576	Indore _	- 37£
Arcot	403	Joinagur or Jaepour	- 540
	675	Mahur or Maor	- 167
Aurungabad -	300	Masulipatam -	423
Balafore	592	Meerta	<b>5</b> 96
Bareilly Beder	576	Mirzapour -	~ 40£
	302	Moorshedabad by Chuta	Nag-
Bednore by Hydrabad	734	pour	695
Bilfah	<b>2</b> 49	Mundilla -	155
Bilnagur -	- 569	Nagpour Little .	<b>433</b>
Boad	347	Narnalla _	164
Bopaltol	238	Narwah by Husingabad	424
Burhanpour	256	Neermul _	<b>177</b>
Burwa	383	Omrautty -	- 113
Calberga	358	Oude or Fyzabad .	496
Calpy	394	Ougein by Bopaltol	- 349
Canoge -	486	Panniput	703
Cattack	1 19 ml 488	Patna by Ruttunpour	57 <b>7</b>
Chanda -	= 90	by Rewab =	<i>5</i> 9 <b>3</b>
Chanderee :	302	Pondicherry _	773
Chatterpour	302	Poonah	486
Cheitore -	510	Rachore	412
Chetra or Chittrah	463	Ramgaut	- 58 <b>8</b>
Chunargur	420	Ramgur in Babar -	483
Cicacole -	- 400	Raypour	200
Condapilly -	370	Rewah	304
Condavir or Guntoor	· 385	Rotafgur	440
Coomtah	- 93	Ruttunpour	220
Corah	407	Sagur	215
Cuddapa	= 551	Sattarah	512
Dowlatabad	305	Seringapatam	729
Ellichpour	- 122	Sirong by Hussingabad	295
Ellore -	377	Sonepour or Jonepour	300
Gangpour	220	Sumbulpour	292
Ganjam by Boad and Gumfo	ar 480	Surat	516
Gawlle or Gyalgur _	137	Surgoojah	318
Goa -	640	Estgore -	843
Golconda -	220	Tritchinopoly -	. ж <b>ымтэ</b> ч, чүн <b>847</b>
Gooty or Gutti	<i>5</i> 95	Vellore	670
Gumioar -	434	Vifagapatam	394
Gurrah	160	v mapour	• 448
Gwalior by Hussingabad	480	Warangole	258
_	•	2	~54

# [ 248 ]

# TABLE X.—OUGEIN, to

British Mil	es.	British M	iles.
			298
Allahabad - 4	80		365
		Indore	30
	65	Joinagur or Jacpour -	28 <i>5</i>
	05	Joudypour - 2	26a
			50
			256
		nt	526
	48	Moorthedabad by Gurry-Mund-	
	40	lab	983
	45	by Paina 10	007
Bopaltol I	12	Mundu	46
Burhanpour - 1		Mundilla	36 <b>3</b>
Calpy 3	82		203
	70		305
Canoge " 4			780
	22		254
	42	7 44	29 i
Chatterpour 3	20	Oudipour	135
Cheitore - 1	69	Patna -	726
Corah 4	26	Pondicherry -	998
Dowlatabad - 2	80		452
Ellichpour - 2	37	Powangur - = :	200
Etayah 4	:02	Ramgaut	488
Furruckabad - 4	.68	Rantampour	260
Fyzabad or Oude - 5	83	Ruttunpour = -	508
Ghod or Gobud "- 3	56	Sagur	212
Goa by Poonah - 6	97	Sattarah	502
Golconda 5	39		886
Gwalior - 3	.36	Sirong	165
Hindia - · - I	16	Sumbulpour -	508
Hussingabad Gaut - 1	53	Surat	309
	20	Visiapour - 3	474.
and the late of th		CN PPS	

#### [ 249 ]

# TABLE XI. — POONAH to

Aloni         360         Huffingabad Gaut         450           Agimere         670         Jagarnaut by Nagpour         986           Allahabad by Sirong         853         Janfi         674           Amedlabad         389         Indore         455           Amedlagur         83         Joinagur or Jaepour         737           Arcot         624         Mangalore         455           Auungabad         186         Mafulipatam         590           Balafore         1078         Mahur or Maor         355           Bancapour (Sanore)         268         Meerta         644           Bareilly         910         Mirzapour by Sirong         900           Bareally         910         Mirzapour by Sirong         900           Bareilly         910         Mirzapour by Sirong         900           Bareally         910         Mirzapour by Sirong         900           Bareilly         910         Mirzapour by Sirong         900           Baffeen         114         Moorfhedabad by Nagpour         1887           Beder         310         Mundulla         641           Bedrore         382         Mundu         406		British Miles.		British Miles.
Agimene         670         Jagarnaut by Nagpour         986           Allahabad by Sirong         853         Janfi         674           Amedaagur         83         Joinagur or Jaepour         737           Arcot         624         Mangalore         455           Aurungabad         186         Mafulipatam         590           Balafore         1078         Mahur or Maor         355           Bancapour (Sanore)         268         Meerta         644           Bangalore         521         Mindygaut         844           Bareilly         910         Mirzapour by Sirong         900           Barcach         287         by Nagpour         887           Baffeen         114         Moorfhedabad by Nagpour         1181           Beder         310         Mundilla         641           Bednore         382         Mundull         661           Bifinagur         300         Nagpour Little         919           Bopaltol         463         Narwah         669           Burhanpour         288         Omrautty         373           Calberga         271         Oude or Fyzabad         947           Callicing	Adoni -		Huffingabad Gaut	
Allahabad by Sirong Amedlabad Arcot Aurongabad Allafore Balafore Balafore Balafore Bancapour (Sanore) Bancapour (Sanore) Baroach Bareilly Bareilly Bareilly Bareilly Baffeen Baffeen Baffeen Bednore Bilfab Bednore Bilfab Bednore Bilfab Bednore Bilfab Bednore Bilfab Bopaltol Burhanpour Calberga Calberga Canoul Calpy Cambay Cambay Cambay Cambay Canoge Cambay Canoge Cambay Canoge Canoul Cattack by Nagpour Cheitore Chatterpour Chitteldroog Condavir or Guntoor Cork Cork Cork Billab Bod Bilfab Bod	Agimere -	~	Jagarnaut by Naghour	086
Amednagur 83 Joinagur or Jaepour 737 Arcot - 624 Mangalore 455 Aurungabad 186 Matulipatam 590 Balafore - 1078 Mahur or Maor 355 Bancapour (Sanore) 268 Meerta 644 Bargalore - 521 Mindygaut 844 Bareilly - 910 Mirzapour by Sirong 900 Baroach 287 by Nagpour 1181 Beder - 114 Moorshedabad by Nogpour 1181 Bednore 380 Mundilla - 641 Bednore 380 Mundilla - 642 Bissapour - 300 Nagpour Little 919 Bopaltol - 463 Narwah - 669 Burhanpour 288 Omrautty - 373 Calberga - 271 Oude or Fyzabad 947 Callian - 91 Panniput - 985 Callian - 91 Panniput - 985 Callian - 91 Panniput - 985 Canoge - 842 Pawangur - 352 Canoul - 387 Pondicherry - 707 Cattack by Nagpour - 688 Poorundar - 18 Chanderee 620 Rachore - 357 Cheitore - 570 Ruttunpour - 706 Chitteldroog 411 Rydroog - 386 Cordavir or Guntoor 528 Sagur - 556 Corah 812 Sattarah 50 Dalmacherry 548 Seringapatam 525 Dowlatabad 184 Sirong 543 Ellichpour - 380 Sumbulpour 778 Ellore - 570 Surat - 243 Ellichpour - 380 Sumbulpour 778 Ellore - 570 Surat - 243 Etayah 779 Tanjore 762 Furruckabad 847 Tarta or Sindy 807 Goa 245 Visapapatam 742 Goocy or Gutti 392 Visapapatam 742 Goocy or Gutti 392 Visapapatam 742 Goocy or Gutti 392 Visapapatam 746 Goocy or Gutti 392 Visapapatam 741	Allahabad by Sirong		Ianfi	
Amednagur	Amedabad	280	<b>D</b>	
Arcot 624 Mangalore 455 Auungabad 186 Mafulipatam 590 Balafore 1078 Mahur or Maor 355 Bancapour (Sanore) 268 Meerta 644 Bangalore 521 Mindygaut 844 Bareilly 910 Mirzapour by Sirong 900 Baroach 287 Baffeen 1114 Moorfhedabad by Nagpour 1181 Beder 310 Mundilla 641 Bednore 382 Mundu - 406 Bilfah 96 Naderbar 230 Bifnagur 300 Nagpour Little 919 Bopaltol 463 Narwah 669 Burhanpour 288 Omrautty 373 Calberga 271 Oude or Fyzabad 947 Calberga 271 Oude or Fyzabad 947 Callian 91 Panniput 985 Canoge 842 Canoul 387 Pondicherry 707 Cattack by Nagpour 968 Porundar 188 Chanderee 520 Chatterpour 695 Ramgaut - 357 Cheitore 570 Chitteldroog 411 Corah 184 Corah		309		
Autungabad   186	Arcot -	604	Mangalore	
Balafore			Matilinatam -	
Bancapour (Sanore)	Balafore		Mohar on Man	
Bangalore				
Baroach	Bangalore -		Mindygaut	~ 044
Baroach         287         by Nagpour         387           Baffen         114         Moorfhedabad by Nagpour         1181           Beder         310         Mundilla         641           Bednore         382         Mundu         406           Bilfah         496         Naderbar         230           Bifnagur         300         Nagpour Little         919           Bopaltol         463         Narwah         669           Burhanpour         288         Omrautty         373           Calberga         271         Oude or Fyzabad         947           Callian         91         Panniput         985           Calpy         768         Patna by Sirong         1090           Cambay         338         by Nagpour         1063           Canoge         842         Paunagur         352           Canoul         387         Pondicherry         707           Cattack by Nagpour         968         Poorundar         18           Chanderee         620         Rachore         357           Cheitore         570         Ruttunpour         706           Chitteldroog         411         Rydroog	Bareilly		Miragon & Cina	
Baffeen         114         Moorfhedabad by Nagpour         1181           Beder         310         Mundilla         64.1           Bednore         382         Mundu         406           Bilfah         496         Naderbar         230           Bifnagur         300         Nagpour Little         919           Bopaltol         463         Narwah         669           Burhanpour         288         Omrautty         373           Calberga         271         Oude or Fyzabad         947           Callian         91         Panniput         985           Calpy         768         Panniput         985           Canbay         783         by Nagpour         1063           Canoge         842         Panniput         1063           Canoul         387         Pondicherry         707           Cattack by Nagpour         968         Poorundar         18           Chatterpour         620         Rachore         357           Chatterpour         695         Raugaut         870           Cheitore         570         Ruttunpour         706           Chitteldroog         411         Rydroog		910	Ivilization by Strong	
Beder         310         Mundilla         64.1           Bednore         382         Mundu         406           Bilfah         496         Naderbar         230           Bilfnagur         300         Nagpour Little         919           Bopaltol         463         Narwah         669           Burhanpour         288         Omrautty         373           Calberga         271         Oude or Fyzabad         947           Callian         91         Panniput         985           Calpy         768         Patna by Sirong         1090           Cambay         338         by Nagpour         1063           Canoge         842         Pawangur         352           Canoul         387         Pondicherry         707           Cattack by Nagpour         968         Poorundar         18           Chaderee         620         Rachore         357           Chatterpour         695         Rangaut         870           Cheitore         570         Ruttunpour         706           Chitteldroog         411         Rydroog         386           Condavir or Guntoor         528         Sagur	Raffren		Maarshadahad ku Marta	007
Bednore         382         Mundu         406           Bilfah         496         Naderbar         230           Bifnagur         300         Nagpour Little         919           Bopaltol         463         Narwah         669           Burhanpour         288         Omrautty         373           Calberga         271         Oude or Fyzabad         947           Callian         91         Panniput         987           Callian         92         Patna by Sirong         1090           Camoge         842         Pawangur         352           Canoul         387         Pondicherry         707			New dille	ur 1181
Bilfah         496         Naderbar         230           Bifnagur         300         Nagpour Little         919           Bopaltol         463         Narwah         669           Burhanpour         288         Omrautty         373           Calberga         271         Oude or Fyzabad         947           Callian         91         Panniput         985           Calpy         768         Patna by Sirong         1090           Cambay         338         by Nagpour         1063           Canoge         842         Pawangur         352           Canoul         387         Pondicherry         707           Cattack by Nagpour         968         Poorundar         18           Chanderee         620         Rachore         357           Chatterpour         695         Ramgaut         870           Cheitore         570         Ruttunpour         706           Chitteldroog         411         Rydroog         386           Condavir or Gunteer         528         Sagur         556           Corah         812         Sattarah         50           Dalmacherry         548         Seringapatam		310		- 64.I
Bisinagur         300         Nagpour Little         919           Bopaltol         463         Narwah         669           Burhanpour         288         Omrautty         373           Calberga         271         Oude or Fyzabad         947           Callian         91         Panniput         985           Calpy         768         Patna by Sirong         1090           Cambay         338         by Nagpour         1063           Canoge         842         Pawangur         352           Canoul         387         Pondicherry         707           Cattack by Nagpour         968         Poorundar         18           Chanderee         620         Rachore         357           Chatterpour         695         Ramgaut         870           Chitteldroog         411         Rydroog         386           Condavir or Gunteer         528         Sagur         556           Corah         812         Sattarah         50           Dalmacherry         548         Seringapatam         525           Dowlatabad         184         Sirong         543           Ellore         570         Surat				
Bopaltol		496		
Burhanpour       288       Omrautty       373         Calberga       271       Oude or Fyzabad       947         Callian       91       Panniput       985         Calpy       768       Patna by Sirong       1090         Cambay       338       by Naspour       1063         Canoge       842       Pawangur       352         Canoul       387       Pondicherry       707         Cattack by Naspour       968       Poorundar       18         Chanderee       620       Rachore       357         Chatterpour       695       Ramgaut       870         Cheitore       570       Ruttunpour       706         Chitteldroog       411       Rydroog       386         Condavir or Guntoor       528       Sagur       556         Corah       812       Sattarah       50         Dalmacherry       548       Seringapatam       525         Dowlatabad       184       Sirong       543         Ellore       570       Surat       243         Etayah       779       Tanjore       762         Furruckabad       726       Truchinopoly       730	Danalasur -	- 300	Nagpour Little -	919
Calberga         271         Oude or Fyzabad         947           Callian         91         Panniput         983           Calpy         768         Patna by Sirong         1090           Cambay         338         by Nagpour         1063           Canoge         842         Pawangur         352           Canoul         387         Pondicherry         707           Cattack by Nagpour         968         Poorundar         18           Chanderee         620         Rachore         357           Chatterpour         695         Raungaut         870           Cheitore         570         Ruttunpour         706           Chitteldroog         411         Rydroog         386           Condavir or Guntoor         528         Sagur         556           Corah         812         Sattarah         50           Dalmacherry         548         Seringapatam         525           Dowlatabad         184         Sirong         543           Ellichpour         380         Sumbulpour         778           Ellore         570         Surat         243           Etayah         779         Tatta or Sindy		463		. 669
Callian       91       Panniput       985         Calpy       768       Patna by Sirong       1090         Cambay       338       by Nagpour       1063         Canoge       842       Pawangur       352         Canoul       387       Pondicherry       707         Cattack by Nagpour       968       Poorundar       18         Chanderee       620       Rachore       357         Chatterpour       695       Ramgaut       870         Cheitore       570       Ruttunpour       706         Chitteldroog       411       Rydroog       386         Condavir or Gunteor       528       Sagur       556         Corah       812       Sattarah       50         Dalmacherry       548       Seringapatam       525         Dowlatabad       184       Sirong       543         Ellichpour       380       Sumbulpour       778         Ellore       570       Surat       243         Etayah       779       Tanjore       762         Furruckabad       847       Tatta or Sindy       807         God       726       Truchinopoly       730	Callagour			- 373
Calpy       768       Patna by Sirong       1090         Cambay       338       by Nagpour       1063         Canoge       842       Pawangur       352         Canoul       387       Pondicherry       707         Cattack by Nagpour       968       Poorundar       18         Chanderee       620       Rachore       357         Chatterpour       695       Ramgaut       870         Cheitore       570       Ruttunpour       706         Chitteldroog       411       Rydroog       386         Condavir or Guntoor       528       Sagur       556         Corah       812       Sattarah       50         Dalmacherry       548       Seringapatam       525         Dowlatabad       184       Sirong       543         Ellichpour       380       Sumbulpour       778         Ellore       570       Surat       243         Etayah       779       Tanjore       762         Furruckabad       847       Tatta or Sindy       807         Goa       245       Vellore       616         Golconda       382       Vifagapatam       742	Calberga -	271	Oude or Fyzabad -	
Cambay         338         by Nagpour         1063           Canoge         842         Pawangur         352           Canoul         387         Pondicherry         707           Cattack by Nagpour         968         Poorundar         18           Chanderee         620         Rachore         357           Chatterpour         695         Ramgaut         870           Cheitore         570         Ruttunpour         706           Chitteldroog         411         Rydroog         386           Condavir or Gunteor         528         Sagur         556           Corah         812         Sattarah         50           Dalmacherry         548         Seringapatam         525           Dowlatabad         184         Sirong         543           Ellichpour         380         Sumbulpour         778           Ellore         570         Surat         243           Etayah         779         Tanjore         807           Ghod or Gobud         726         Triuchinopoly         730           Goa         245         Vellore         616           Golconda         382         Vifiapour	Callian -	91	Panniput	98 <b>5</b>
Canoge       842       Pawangur       352         Canoul       387       Pondicherry       707         Cattack by Nagpour       968       Poorundar       18         Chanderee       620       Rachore       357         Chatterpour       695       Rangaut       870         Cheitore       570       Ruttunpour       706         Chitteldroog       411       Rydroog       386         Condavir or Guntoor       528       Sagur       556         Corah       812       Sattarah       50         Dalmacherry       548       Seringapatam       525         Dowlatabad       184       Sirong       543         Ellichpour       380       Sumbulpour       778         Ellore       570       Surat       243         Etayah       779       Tanjore       762         Furruckabad       847       Tatta or Sindy       807         Ghod or Gobud       726       Tritchinopoly       730         Goa       245       Vellore       616         Golconda       382       Vifapour       742         Gooty or Gutti       392       Vifapour       716 <td>Calpy</td> <td>-</td> <td>Patna by Sirong -</td> <td>1090</td>	Calpy	-	Patna by Sirong -	1090
Canoul         387         Pondicherry         707           Cattack by Nagpour         968         Poorundar         18           Chanderee         620         Rachore         357           Chatterpour         695         Ramgaut         870           Cheitore         570         Ruttunpour         706           Chitteldroog         411         Rydroog         386           Condavir or Guntoor         528         Sagur         556           Corah         812         Sattarah         50           Dalmacherry         548         Seringapatam         525           Dowlatabad         184         Sirong         543           Ellichpour         380         Sumbulpour         778           Ellore         570         Surat         243           Etayah         779         Tanjore         762           Furruckabad         847         Tatta or Sindy         807           Ghod or Gohud         726         Tratchinopoly         730           Goa         245         Vellore         616           Golconda         382         Vifagapatam         742           Gooty or Gutti         392         Vifagapa	Cambay _ ~		by Nagpour	- 106 <i>g</i>
Canoul         387         Pondicherry         707           Cattack by Naggour         968         Poorundar         18           Chanderee         620         Rachore         357           Chatterpour         695         Rangaut         870           Cheitore         570         Ruttunpour         706           Chitteldroog         411         Rydroog         386           Condavir or Guntoor         528         Sagur         556           Corah         812         Sattarah         50           Dalmacherry         548         Seringapatam         525           Dowlatabad         184         Sirong         543           Ellichpour         380         Sumbulpour         778           Ellore         570         Surat         243           Etayah         779         Tanjore         762           Furruckabad         847         Tatta or Sindy         807           Ghod or Gohud         726         Tritchinopoly         730           Goa         245         Vellore         616           Gooty or Gutti         392         Vifiagapatam         742           Gooty or Gutti         392         V	Canoge -	- 842	Pawangur -	- 352
Cattack by Naggour         968         Poorundar         18           Chanderee         620         Rachore         357           Chatterpour         695         Ramgaut         870           Cheitore         570         Ruttunpour         706           Chitteldroog         411         Rydroog         386           Condavir or Guntoor         528         Sagur         556           Corah         812         Sattarah         50           Dalmacherry         548         Seringapatam         525           Dowlatabad         184         Sirong         543           Ellichpour         380         Sumbulpour         778           Ellore         570         Surat         243           Etayah         779         Tanjore         762           Furruckabad         847         Tatta or Sindy         807           Ghod or Gohud         726         Tritchinopoly         730           Goa         245         Vellore         616           Golconda         382         Vifagapatam         742           Gooty or Gutti         392         Vifiapour         136           Gwalior         716         Vifrabuy<		- 3 <sup>8</sup> 7		
Chatterpour       695       Ramgaut       870         Cheitore       570       Ruttunpour       706         Chitteldroog       411       Rydroog       386         Condavir or Guntoor       528       Sagur       556         Corah       812       Sattarah       50         Dalmacherry       548       Seringapatam       525         Dowlatabad       184       Sirong       543         Ellichpour       380       Sumbulpour       778         Ellore       570       Surat       243         Etayah       779       Tanjore       762         Furruckabad       847       Tatta or Sindy       807         Ghod or Gobud       726       Tritchinopoly       730         Goa       245       Vellore       616         Golconda       382       Vifagapatam       742         Gooty or Gutti       392       Vifiabuy       136         Gwalior       716       Vifrabuy       112	Cattack by Nagrour			
Chatterpour 695 Ramgaut - 870 Cheitore - 570 Ruttunpour - 706 Chitteldroog - 411 Rydroog - 386 Condavir or Guntoor 528 Sagur - 556 Corah 812 Sattarah - 50 Dalmacherry - 548 Seringapatam - 525 Dowlatabad 184 Sirong - 543 Ellichpour - 380 Sumbulpour - 778 Ellore - 570 Surat - 243 Etayah 779 Tanjore - 762 Furruckabad 847 Tatta or Sindy - 807 Ghod or Gobud - 726 Tritchinopoly - 730 Goa - 245 Vellore - 616 Golconda 382 Vifagapatam - 742 Gooty or Gutti - 392 Vifiabour - 136 Gwalior - 716 Vifrabuy - 112			Rachore -	357
Cheitore       570       Ruttunpour       706         Chitteldroog       411       Rydroog       386         Condavir or Guntoor       528       Sagur       556         Corah       812       Sattarah       50         Dalmacherry       548       Seringapatam       525         Dowlatabad       184       Sirong       543         Ellichpour       380       Sumbulpour       778         Ellore       570       Surat       243         Etayah       779       Tanjore       762         Furruckabad       847       Tatta or Sindy       807         Ghod or Gobud       726       Tratchinopoly       730         Goa       245       Vellore       616         Golconda       382       Vifagapatam       742         Gooty or Gutti       392       Vifrabuy       136         Gwalior       716       Vifrabuy       112	Chatterpour -	- 695	Ramgaut -	
Chitteldroog         411         Rydroog         386           Condavir or Guntoor         528         Sagur         556           Corah         812         Sattarah         50           Dalmacherry         548         Seringapatam         525           Dowlatabad         184         Sirong         543           Ellichpour         380         Sumbulpour         778           Ellore         570         Surat         243           Etayah         779         Tanjore         762           Furruckabad         847         Tatta or Sindy         807           Ghod or Gobud         726         Tratchinopoly         730           Goa         245         Vellore         616           Golconda         382         Vifagapatam         742           Gooty or Gutti         392         Vifapapur         136           Gwalior         716         Vifrabuy         112				
Condavir or Guntoor         528         Sagur         556           Corah         812         Sattarah         50           Dalmacherry         548         Seringapatam         525           Dowlatabad         184         Sirong         543           Ellichpour         380         Sumbulpour         778           Ellore         570         Surat         243           Etayah         779         Tanjore         762           Furruckabad         847         Tatta or Sindy         807           Ghod or Gobud         726         Truchinopoly         730           Goa         245         Vellore         616           Golconda         382         Vifagapatam         742           Gooty or Gutti         392         Vifrabuy         136           Gwalior         716         Vifrabuy         112	Chitteldroog -			
Corah         812         Sattarah         50           Dalmacherry         548         Seringapatam         525           Dowlatabad         184         Sirong         543           Ellichpour         380         Sumbulpour         778           Ellore         570         Surat         243           Etayah         779         Tanjore         762           Furruckabad         847         Tatta or Sindy         807           Ghod or Gobud         726         Tritchinopoly         730           Goa         245         Vellore         616           Golconda         382         Vifagapatam         742           Gooty or Gutti         392         Vifrabuy         136           Gwalior         716         Vifrabuy         112		- 528		- 556.
Dalmacherry         548         Seringapatam         525           Dowlatabad         184         Sirong         543           Ellichpour         380         Sumbulpour         778           Ellore         570         Surat         243           Etayah         779         Tanjore         762           Furruckabad         847         Tatta or Sindy         807           Ghod or Gobud         726         Truchinopoly         730           Goa         245         Vellore         616           Golconda         382         Vifagapatam         742           Gooty or Gutti         392         Vifiabuy         136           Gwalior         716         Vifrabuy         112			Sattarah -	- 50
Dowlatabad		548	Seringapatam -	
Ellichpour 380 Sumbulpour 778  Ellore 570 Surat 243  Etayah 779 Tanjore 762  Furruckabad 847 Tatta or Sindy 807  Ghod or Gohud 726 Tritchinopoly 730  Goa 245 Vellore 616  Golconda 382 Vifagapatam 742  Gooty or Gutti 392 Vifiapour 3136  Gwalior 716 Vifrabuy 112	Dowlatabad -	184	Sirong	
Ellore       570       Surat       243         Etayah       779       Tanjore       762         Furruckabad       847       Tatta or Sindy       807         Ghod or Gohud       726       Tritchinopoly       730         Goa       245       Vellore       616         Golconda       382       Vifagapatam       742         Gooty or Gutti       392       Vifiapour       136         Gwalior       716       Vifrabuy       112	Ellichpour -	- 280	Sumbulpour -	
Etayah       7.79       Tanjore       762         Furruckabad       847       Tatta or Sindy       807         Ghod or Gohud       726       Truchinopoly       730         Goa       245       Vellore       616         Golconda       382       Vifagapatam       742         Gooty or Gutti       392       Vifiapour       136         Gwalior       716       Vifrabuy       112	Ellore -		Surat -	
Furruckabad - 847 Tatta or Sindy - 807 Ghod or Gohud - 726 Truchinopoly - 730 Goa - 245 Vellore - 616 Golconda - 382 Vifagapatam - 742 Gooty or Gutti - 392 Vifiapour - 3136 Gwalior - 716 Vifrabuy - 112	Etayah			762
Ghod or Gobud 726 Tritchinopoly. 730 Goa 245 Vellore 616 Golconda 382 Vifagapatam 742 Gooty or Gutti 392 Vifiapour 136 Gwalior 716 Vifrabuy 112		847	Tatta or Sindy	
Goa 245 Vellore 616 Golconda 382 Visagapatam 742 Gooty or Gutti 392 Visapour 136 Gwalior 716 Visrabuy 112		726	Tricchinopoly -	
Golconda - 382 Visagapatam 742 Gooty or Gutti - 392 Visapour - 136 Gwalior - 716 Visrabuy - 112				616
Gooty or Gutti - 392 Visiapour - 136 Gwalior - 716 Visrabuy - 112		282		
Gwalior = 716 Vifrabuy - 112			Vigavour	I 126
The state of the s		392 716	Vifrahov	770
	T T T T T T T T T T T T T T T T T T T	1.0	Windowy + "	

K k

#### [ 250 ]

#### TABLE XII.—SERINGAPATAM to

	British	Miles.	British Mil	les.
Adoni	-	243		08
Amednagur	-	541		28
Anjenga =	-	325		72
Arcot -	-	217		60
Aurungabad	-	599		40
Bancapour (Sanore)	<u>:</u>	231		62
Bangalore -	-	74		.30
Beder -		432	Myfore	ັ8
Bednore -	-	187		96
Bisnagur -	•	260		38
Burhanpour	<del></del>	722		44
Calicut -	-	129	Palamcotta - 3	17
Calberga -	•	390	Palicaudcherry - 1	зÌ
Canoul -	*	279	Pondicherry - 2	60
Changamah	-	178	Rachore - 3	15
Chitteldroog	•	115	Raolconda - 3	22
Cochin -	-	214	Roydroog 1	68
Combetour	_	122	Sattarah 4	77
Combam or Commum		<b>2</b> 91	Sirripy	89
Comorin Cape	-	<b>3</b> 80	Sollapour 3	02
Condanore -	•	250	Tanjore - 2	37
Condapilly .	-	444	Tellicherry - I	28
Condavir or Guntoor	**	414	Tinevelly. See Palamcotta.	
Cuddapa -	-	220	Timerycotta - 3	63
Dalncherry	•	202	Trankebar - 2	95
Dinnigal -	-	198		44
Dowlatabad	•	606	Tritchinopoly - 2	:05
Ellichpour -	-	695	Villore - 2	02
Ellore -	-	448	Visiapour - 4	05
Goa -	- <b>(1)</b>	335	, r	

# APPENDIX.

#### ADVERTISEMENT.

HE within Tract has already made its appearance in the Philosophical Transactions of 1781. It was suggested to the Author, that it would make a very proper Appendix to the MEMOIR OF THE MAP OF HINDOOSTAN; and he accordingly offers it to the Public under that denomination: happy should the Appendix meet a degree of indulgence, equal to what the Work itself has experienced.

# ACCOUNT

OF THE

G A N G E S

AND

### BURRAMPOOTER RIVERS.

They gathering many a flood, and copious fed With all the mellowed treasures of the sky, Wind in progressive majesty along; And traverse realms unknown, and blooming wilds, And fruitful desarts — Forsaking these, O'er peopled plains they fair-diffusive slow, And many a nation feed, and circle safe, Within their bosom many a happy isle. Thus pouring on, they proudly seek the deep, Whose vanquish'd tide, recoiling from the shock, Yeilds to this liquid weight ——

THOMSON'S SEASONS.

# AN ACCOUNT, &c.

HE \* GANGES and † BURRAMPOOTER Rivers, together with their numerous branches and adjuncts, interfect the country of BENGAL (which, independent of BAHAR and ORISSA, is somewhat larger than GREAT BRITAIN) in such a variety of directions, as to form the most complete and easy inland navigation that can be conceived. So equally and admirably diffused are those natural canals, over a country that approaches nearly to a perfect plane, that, after excepting the lands contiguous to Burdwan, Birboom, &c. which may be reckoned a fixth part of Bengal, we may fafely pronounce, that every other part of the country, has, even in the dry season, some navigable stream within 25 miles at farthest, and more commonly within a third part of that distance.

It is supposed, that this inland navigation gives constant employment to 30,000 boatmen. Nor will it be wondered at, when it is known, that all the falt, and a large proportion of the food confumed by ten millions of people are conveyed by water within the kingdom of Bengal and its dependencies. To these must be added, the transport of the commercial exports and imports, probably to the amount of two millions sterling per annum; the interchange of manufactures and products throughout the whole country; the fisheries; and the article of travelling ‡.

figuifies the Son of Brahma.

1 The embarkations made use of, vary in bulk from 180 tons down to the fize of a wherry. Those from 30 to 50 tons are reckoned the most eligible for transporting merchandize.

The proper name of this river in the language of Hindoostan (or Indostan) is Pudda or Padda. It is also named Burra Gonga, or the Great River; and Gonga, the River, by way of eminence; and from this, doubtless, the European names of the river are derived. The orthography of this word, as given here, is according to the common pronunciation in Bengal; but it is said to be written in the Shanscrit language, Brabna-footar; which figures the Secret River.

These rivers, which a late ingenious gentleman aptly termed fifters and rivals (he might have faid twin fifters, from the contiguity of their springs) exactly resemble each other in length of course; in bulk, until they approach the sea; in the smoothness and colour of their waters; in the appearance of their borders and. islands; and, finally, in the height to which their floods rise with the periodical rains. Of the two, the Burrampooter is the largest; but the difference is not obvious to the eye. They are now well known to derive their fources from the vast mountains of THIBET \*; from whence they proceed in opposite directions; the Ganges seeking the plains of HINDOOSTAN (or INDOSTAN) by the west; and the Burrampooter by the east; both pursuing the early part of their course through rugged vallies and defiles, and seldom visiting the habitations of men. The Ganges, after wandering about 800 miles through these mountainous regions, issues forth a deity to the superstitious, yet gladened, inhabitant of Hindoostan +. From Hurdwar (or Hurdoar) in latitude 30°, where it gushes through an opening in the mountains, it flows with a smooth navigable stream through delightful plains, during the remainder of its course to the fea (which is about 1350 miles) diffusing plenty immediately by means of its living productions; and secondarily by enriching the

The allegory is highly expressive of the veneration which the Hindoos have for this famous ftream; and no less to of their gratitude to the Author of Nature for bestowing it: for it deciribes the blessing as slowing purely from his bounty and goodness.

The rock before mentioned has, I believe, never been visited by any European; and is even

<sup>\*</sup> These are among the highest of the mountains of the old hemisphere. I was not able to determine their height; but it may in some measure be guessed, by the circumstance of their rising considerably above the horizon, when viewed from the plains of Bengal, at the distance of 150 miles.

<sup>†</sup> The fabulous account of the origin of the Ganges (as communicated by my learned and ingenious friend C. W. BOUGHTON ROUSE, Eq.) is, that it flows out of the foot of BESCHAN (the fame with Visinou, the PRESERVING DEITY) from whence, say the Bramins, it has its name Padda; that word fignifying foot in the Shanferit language: and that in in its course to the plains of Hindoostan, it passes through an immersie rock shaped like a Cow'shead.

The rock before mentioned has, I believe, never been visited by any European; and is even allowed by most of the natives to bear no resemblance to the object from whence it is denominated. However, as the effects of superstition do often long survive the illusions that gave it birth, the rock or cavern still preserves its original name. (This note was written before it, was known that M. Tiessentaller had visited it).

adjacent lands, and affording an easy means of transport for the productions of its borders. In a military view, it opens a communication between the different posts, and serves in the capacity of a military way through the country; renders unnecessary the forming of magazines; and infinitely surpasses the celebrated inland navigation of North America, where the carrying places not only obstruct the progress of an army, but enable the adversary to determine his place and mode of attack with certainty.

In its course through the plains, it receives eleven rivers, some of which are equal to the Rhine, and none smaller than the Thames, besides as many others of lesser note. It is owing to this vast influx of streams, that the Ganges exceeds the Nile so greatly in point of magnitude, while the latter exceeds it in length of course by one-third. Indeed, the Ganges is inferior in this last respect, to many of the northern rivers of Asia; though I am inclined to think that it discharges as much or more water than any of them, because those rivers do not lie within the limits of the periodical rains \*.

\* The proportional lengths of course of some of the most noted rivers in the world are sliewn. nearly by the following numbers;

European	Rivers.		
-	Thames -		
	Rhine		
	Danube -	,,,,	- 7
1000	Wolga -		- 61
Affatic ri	ivers.	•	72
	Indus (probably)	(4 ) t	- 63
1.50 . 1	Euphrates -	A 300 1	- 84
	Ganges -	n taga da a a	- 0 <sup>±</sup>
,	Elizaro en el marche el 1	1. · · · · · · · · · · · · · · · · · · ·	G G
	Nou Kian, or Ava Riv	er -	O. T.
	lennifea -	- 1-	10.
	Oby.		101
	Amoor -		71
	Lena -		. 112
eda 4 t	Hoanho (of China)	1 m	
A	Kian Ken (of dies)	1.19 40	
African r			The state of the s
		10000000000000000000000000000000000000	The Control of the Co
American	The state of the s	AAMS VAN AND	A CO
Carrie Sel	Maria	and <u>a</u> nd his bloom	
	Amazons		* 3
			*3%
	L	. <b>.</b> .	

The

The bed of the Ganges, is, as may be supposed, very unequal in point of width. From its first arrival in the plains at Hurdwar. to the conflux of the Jumna (the first river of note that joins it) its bed is generally from a mile to a mile and a quarter wide; and, compared with the latter part of its course, tolerably straight. From hence, downward, its course becomes more winding, and its bed confequently wider \*, till, having fuccessively received the waters of the Gogra, Soane, and Gunduck, besides many smaller streams, its bed has attained its full width; although, during the remaining 600 miles of its course, it receives many other principal streams. Within this space it is, in the narrowest parts of its bed, half a mile wide, and in the widest, three miles; and that, in places where no islands intervene. The stream within this bed is always either increasing or decreasing, according to the season. When at its lowest (which happens in April) the principal channel varies from 400 yards to a mile and a quarter; but is commonly about three quarters of a mile, in width.

The Ganges is fordable in some places above the conflux of the Jumna, but the navigation is never interrupted. Below that, the channel is of considerable depth, for the additional streams bring a greater accession of depth than width. At 500 miles from the sea, the channel is thirty sect deep when the sea, where the sudden expansion of the stream deprives it of the force necessary to sweep away the bars of sand and mud thrown across it by the strong southerly winds; so that the principal branch of the Ganges cannot be entered by large vessels.

About 220 miles from the les (but 300 reckoning the windings of the river) commences the head of the delta of the Ganges,

<sup>\*</sup> This will be explained when the windings of the river are treated of.

which is confiderably more than twice the area of that of the Nile. The two westernmost branches, named the Cossimbuzar and Jellinghy rivers, unite, and form what is afterwards named the Hoogly river, which is the port of Calcutta, and the only branch of the Ganges that is commonly navigated by ships \*. The Cossimbuzar river is almost dry from October to May; and the Jellinghy river (although a stream runs in it the whole year) is in some years unnavigable during two or three of the dryest months; so that the only subordinate branch of the Ganges, that is at all times navigable, is the Chundnah river, which separates at Moddapour, and terminates in the Hooringotta.

That part of the delta bordering on the sea, is composed of a labyrinth of rivers and creeks, all of which are salt, except those that immediately communicate with the principal arm of the Ganges. This tract, known by the name of the Woods, or Sunderbunds, is in extent equal to the principality of Wales; and is so completely enveloped in woods, and insested with tygers, that if any attempts have ever been made to clear it (as is reported) they have hitherto miscarried. Its numerous canals are so disposed as to form a complete inland navigation throughout and across the lower part of the delta, without either the delay of going round the head of it, or the hazard of putting to sea. Here salt, in quantities equal to the whole consumption of Bengal and its dependencies, is made and transported with equal facility: and here also is found an inexhaustible store of timber for boat-buildings. The breadth of the lower part of this delta is topwards of 180 miles; to which, if we

<sup>\*</sup> The Hoogly river, or westernmost branch of the Ganges, has a much deeper outlet to the sea than the principal branch. Probably this may be owing to its precipitating a less quantity of mud than the other; the quantity of the Ganges water discharged have being less than in the other in the proportion of one to fix. Error, the disculsies that occur in navigating the entrance of the Proportion of the form the less to supplie the channels are shallow. The distribution, improves that from the less than the cannot carry be traced from without.

add that of the two branches of the river that bound it, we shall have about 200 miles for the distance to which the Ganges expands its branches, at its junction with the sea.

It has been observed before, that the course of this river, from Hurdwar to the sea, is through an uniform plain; or, at least, what appears such to the eye: for, the declivity is much too small to be perceptible. A section of the ground, parallel to one of its branches, in length so miles, was taken by order of Mr. HASTINGS; and it was found to have about nine inches descent in each mile, reckoning in a straight line, and allowance being made for the curvature of the earth. But the windings of the river were so great, as to reduce the declivity on which the water ran, to less than four inches per mile: and by a comparison of the velocity of the stream at the place of experiment, with that in other places, I have no reason to suppose, that its general descent exceeds it.

The medium rate of motion of the Ganges is less than three miles an hour in the dry months. In the wet season, and during the draining off the waters from the inundated lands, the current runs from five to six miles an hour; but there are instances of its running seven, and even eight miles, in particular situations, and under certain circumstances. I have an experiment of my own on tecord, in which my boat was carried to miles in eight hours; and that against so strong a wind, that the boat had evidently no progressive motion through the water.

When we consider, that the velocity of the stream is three miles in one scason, and sive or more in the other, on the same descent of sour inches per mile; and, that the motion of the inundation is only had a supply that the motion of the inundation is

M. DE CONDAMINE found the descent of the river Amazons, in a straight course of about 1300 miles, to be about 1020 English feet, or 61 inches in a mile. If we allow for the winding (which in the Ganges are about one mile and 5 in 3, taking its whole course through the plaint) it probably would not exceed 4 inches in a mile.

proof is required how small the proportion of velocity is, that the descent communicates. It is then, to the *impetus* originating at the spring head, or at the place where adventitious waters are poured in, and successively communicated to every part of the stream, that we are principally to attribute the velocity, which is greater or lesser, according to the quantity of water poured in.

In common, there is found on one fide of the river an almost perpendicular bank, more or less elevated above the stream, according to the feafon, and with deep water near it: and on the opposite fide a bank, shelving away so gradually as to occasion shallow water at some distance from the margin. This is more particularly the case in the most winding parts of the river, because the very operation of winding produces the steep and shelving banks \*: for the current is always strongest on the external side of the curve formed by the serpentine course of the river; and its continual action on the banks either undermines them +, or washes them down. In places where the current is remarkably rapid, or the foil uncommonly loose, such tracts of land are swept away in the course of one season, as would aftonish those who have not been eye-witnesses to the magnitude and force of the mighty streams occasioned by the periodical rains of the tropical regions. This necessarily produces a gradual change in the course of the river; what is lost on one side being gained on the other, by the mere operation of the stream: for the fallen pieces of the bank dissolve quickly into muddy sand, which is hurried away by the current along the border of the channel, to the point from whence the river turns off to form the next reach;

<sup>\*</sup> Hence it is, that the section of a river, that winds through a loose soil, approaches nearly to an obtuse angled-triangle, one of whose sides is exceedingly short and disproportioned to the other two.

But when a river perseveres in a straight course, the section becomes nearly the half of an ellipsis divided longitudinally.

See Plate I.

nearly the half of an ellipfis divided longitudinally . See Plate I.

In the state and the fall days in pieces of many tens weight, including the state of the season sometimes to ink large beats and happen to be under the soft.

where the stream growing weak, it finds a resting place: and helps to form a shelving bank, which commences at the point, and extends downwards, along the side of the succeeding reach.

To account for the flackness of the current at the point, it is necessary to observe, that the strongest part of it, instead of turning short round the point, preserves for some time the direction given it by the last steep bank: and is accordingly thrown obliquely across the bed of the river to the bay on the opposite side, and pursues its course along it, till the intervention of another point again obliges it to change sides. See plate I.

In those sew parts of the river that are straight, the banks undergo the least alteration \*, as the current runs parallel to them; but the least inflection of course, has the effect of throwing the current against the bank; and if this happens in a part where the soil is composed of loose sand, it produces in time a serpentine winding.

It is evident, that the repeated additions made to the shelving bank before mentioned, become in time an encroachment on the channel of the river; and this is again counter-balanced by the depredations made on the opposite steep bank, the fragments of which either bring about a repetition of the circumstances above recited, or form a bank or shallow in the midst of the channel. Thus a steep and a shelving bank are alternately formed in the shelving one the river (the steep one being the indexted side, and the shelving one the projecting); and thus, a continual sluctuation of course is induced in all the winding parts of the river; each meander having a perpetual tendency to deviate more and more from the line of the general course of the river, by eating deeper into the bays and at the same the same bays.

It is those than probable, that the firaight parts owe their existence to the tenacity of the fail of which banks are composed. Whatever the cause may be, the effect very clearly points out first and the properest for placing towns in.

meet, or the stream breaks through the narrow ishmus, and restores a temporary straightness to the channel.

Several of the windings of the Ganges and its branches are fast approaching to this flate; and in others, it actually exists at present. The experience of these changes should operate against attempting canals of any length, in the higher parts of the country; and I much doubt, if any in the lower parts would long continue navigable. During eleven years of my residence in Bengal, the outlet or head of the Jellinghy river was gradually removed three quarters of a mile farther down: and by two furveys of a part of the adjacent bank of the Ganges, taken about the distance of nine years from each other, it appeared that the breadth of an English mile and a half had been taken away. This is, however, the most rapid change that I have noticed; a mile in ten or twelve years being the usual rate of incroachment, in places where the current strikes with the greatest force; namely, where two adjoining reaches approach nearest to a right angle. In such situations it not unfrequently excavates gulfs \* of confiderable length within the bank. These gulfs are in the direction of the strongest parts of the stream; and are, in fact, the young shoots (if I may so express myself) which in time strike out and become branches of the river: for we generally find them at those turnings that have the smallest angles +.

Two causes, widely different from each other, occasion the meandering courses of rivers; the one; the irregularity of the ground through which they rus, misch of thes them to wante it quest of a dectivity and believe the loodbook of the state which yields

The Count Dr Burron advices the digging of such gulfs in the banks of ordinary rivers, with a view to divert the current, when bridges or other buildings are endangered by it.

† The couries of these branches at the effice, generally, if not always, become retrograde to the course of the river; for, a study accommodating at the property of separation gives the property of the course of the c

to the friction of the border of the stream. The meanders in the first case, are, of course, as digressive and irregular as the surface they are projected on: but, in the latter, they are so far reducible to rule, that rivers of unequal bulk will, under similar circumstances, take a circuit to wind in, whose extent is in proportion to their respective breadths—for I have observed, that when a branch of the Ganges is fallen so low as to occupy only a part of its bed, it no longer continues in the line of its old course; but works ittels a new channel, which winds from side to side across the former one. I have observed too, that is two streams, of equal size, that which has the slowest current has also the smallest windings: for as these (in the present case) are solely owing to the depredations made on the banks, by the force of the current; so the extent of these depredations, or, in other words, the dimensions of the windings, will be determined by the degree of force acting on the banks.

The windings of the Ganges in the plains, are, doubtless, owing to the looseness of the soil: and (I think) the proof of it is, that they are perpetually changing; which those, originally induced by an inequality of surface, can seldom, or never do \*.

I can easily suppose, that if the Ganges was turned into a straight canal, out through the ground it now traverses in the most winding parts of its course, the bank, or that which happened to be the most strongly acted on, would first be corroded or dissolved: thus a bay or cavity would be formed in the side of the bank. This begets an insection of the current, which, falling obliquely on the side of the law, corrodes it insectionly. When the current has passed the hard and acceptance in insection, and

It is been remarked, that the courses of rivers become more winding as they approach the sease I believe, will only hold good in such as take the latter part of their course through a late I in the Ganges, and other rivers subject to considerable variations in the bulk of the sease the best marks of the vicinity of the sea, are, the lowness of the river banks, and the increase of the shallows in its bed.

is thrown obliquely towards the opposite side of the canal, depositing in its way the matter excavated from the bay, and which begins to form a shallow or bank contiguous to the border of the caral. Here then is the origin of such windings as owe their existence to the nature of the soil. The bay, so corroded, in time becomes large enough to give a new direction to the body of the canal: and the matter excavated from the bay, is so disposed as to assist in throwing the current against the opposite bank; where a process, similar to that I have been describing, will be begun.

The action of the current on the bank will also have the effect of deepening the border of the channel near it; and this again increases the velocity of the current in that part. Thus would the canal gradually take a new form, till it became what the river now is. Even when the windings have lessened the descent one half, we still find the current too powerful for the banks to withstand it.

There are not wanting instances of a total change of course in some of the Bengal rivers. The Cosa river (equal to the Rhine) once ran by Purneah, and joined the Ganges opposite Rajemal. Its junction is now 45 miles higher up. Gour, the ancient capital of Bengal, stood on the old bank of the Ganges: although its ruins are 4 or 5 miles from the present bank.

Appearances favour very strongly the opinion, that the Ganges had its former bed in the tract now occupied by the lakes and moralles between Nattore and Jassergunge, striking out of its present course at Bauleah, and passing by Provyah. With an equal degree of probability (favoured by caldition) we may course supposed course by Dacca, to a junction with the Burrampooter or Megna near Fringybazar; where the accumulation of two such mighty streams, probably scooped out the present amazing bed of the Megna to Bee plate H.

In

The Mootyjyl lake is one of the windings of a former channel of the Cossimbuzar right.

† Megna and Burrange of the windings of the same river in different page of its course. The Megna falls into the Burrangooter; and, though a much smaller river, communicates its name to the other during the rest of its course.

In tracing the fea coast of the delta, we find no less than eight openings; each of which, without hesitation, one pronounces to have been in its time the principal mouth of the Ganges. the accasional deviation of the principal branch, probably, the only cause of fluctuation in the dimensions of the delta. One observes that the deltas of most covital rivers (the tropical ones particularly) encroach upon the sea. Now, is not this owing to the mud and fand brought down by the rivers, and gradually deposited, from the remotest ages down to the present time? The rivers, we know, are loaded with mud and fand at their entrance into the sea; and we also know, that the sea recovers its transparency at the distance of twenty leagues from the coast; which can only arise from the waters having precipitated their earthy particles within that space. The fand and mud banks at this time, extend twenty miles off some of the islands in the mouths of the Ganges and Burrampooter; and rife in many places within a few feet of the furface. generation will probably fee these banks rise above water, and succeeding ones possess and cultivate them! Next to earthquakes, perhaps the floods of the tropical rivers produce the quickest alterations in the face of our globe. Extensive islands are formed in the channel of the Ganges, during an interval far short of that of a man's life. To that the whole proces is acceptated in a period that falls within the compals of his observation \*. Some of these islands, four or five miles in extent, are formed at the angular turnings of the river, and were originally large fand banks thrown up round the points (in the manner before described) but afterwards infulated by breaches of the river. Others are formed in the straight parts of the river, and owe their origin to some obstruction in king at the bottom. Whether this be the fragments of the river bank; a large tree twest down from it; or

<sup>·</sup> Accordingly, the laws respecting allowing associated with good presison.

a funken boat; it is fufficient for a foundation: and a heap of fand is quickly collected below it. This accumulates amazingly fast: in the course of a few years it peeps above water, and having now usurped a considerable portion of the channel, the river borrows on each fide to supply the deficiency in its bed; and in such parts of the river we always find steep banks on both sides \*. - Each periodical flood brings an addition of matter to this growing island; increafing it in height as well as extension, until its top is perfectly on a level with the banks that include it: and at that period of its growth it has mould enough on it for the purposes of cultivation, which is owing to the mud left on it when the waters subside, and is indeed a part of the economy which nature obscryes in fertilizing the lands in general.

While the river is forming new islands in one part, it is sweeping away old ones in other parts. In the progress of this destructive operation, we have opportunities of observing, by means of the fections of the falling bank, the regular distribution of the several firata of fand and earths, lying above one another in the order in which they decrease in gravity. As they can only owe this disposition to the agency of the stream that deposited them, it would appear, that these substances are suspended at different heights in the stream, according to their respective gravities. We never find a stratum of earth under one of sand; for the muddy particles float nearest the surface +. I have counted seven distinct strata in a section of one of these islands. Indeed, not only the islands, but most of the river banks wear the same appearance: for as the river is always changing its present bed, and verging towards the fite of some former one now obliterated, this must necessarily be the case.

This evidently points out the means for prevening entroachments in a first bank in the firaight parts of its course, viz. to remove the firstless that accumulate in the middle of its channel.

† A glass of water takes out of the Ganges, when at its height, yields about one part in four of mad. No wonder their that the subsiding waters should quickly form a stratem of earth; or that the delta family executions the sea.

As a strong presumptive proof of the wandering of the Ganges from the one fide of the delta to the other, I must observe, that where is no appearance of virgin earth between the Tiperah Hills on the east, and the province of Burdwan on the west; nor on the north ill we arrive at Dacca and Bauleah. In all the fections of the numerous creeks and rivers in the delta, nothing appears but fand and black mould in regular strata, till we arrive at the clay that forms the lower part of their beds. There is not any substance so coarse as gravel either in the delta or nearer the sea than 400 miles \*, where a rocky point, a part of the base of the neighbouring hills, projects into the river: but out of the vicinity of the great rivers the foil is either red, yellow, or of a deep brown.

I come now to the particulars of the annual swelling and overflowing of the Ganges +.

It appears to owe its increase as much to the rain water that falls in the mountains contiguous to its fource, and to the fources of the great northern rivers that fall into it, as to that which falls in the plains of Hindoostan; for it rises fifteen feet and a half out of thirty-two (the fum total of its rifing) by the latter end of June: and it is well known, that the rainy feafon does not begin in most of the flat countries till about that time. In the mountains it begins early in I April: and by the latter and of that month, when the rain water has reached Bengal, the rivers begin to rife, though by very flow degrees; for the increase is only about an inch per

<sup>\*</sup> At Oudanulla.

At Oudanulla.

† An opinion has long prevailed, that the fwelling of the Ganges, previous to the commencement of the rainy leafon in the flat commences, is in a great measure ewing to the mething of the rainy leafon in the flat commences, is in a great measure ewing to the mething of the rain leafon to the mean that the mountains. I will not go to flat at the first by the foutherly or fouth-west monitors, are suddenly stopped by the losty ridge of mountains that runs from east to west through Thib. It is obvious, that the accumulation and condensation of these vapours, must first happen in the usighbourhood of the obstacle; and successively in places more remote, as fresh supplies arrows in all the atmosphere. Hence the priority of commencement of the rainy season in places the mearest the mountains.

day for the first fortnight. It then gradually augments to two and three inches before any quantity of rain falls in the flat countries; and when the rain becomes general, the increase on a medium is five inches per day. By the latter end of July all the lower parts of Bengal, contiguous to the Ganges and Burrampooter, are overflowed, and form an inundation of more than a hundred unites in width; nothing appearing but villages and trees, excepting very rarely the top of an elevated spot (the artificial mound of some deserted village) appearing like an island.

The inundations in Bengal differ from those in Egypt in this particular, that the Nile owes its floods entirely to the rain-water that falls in the mountains near its fource; but the inundations in Bengal are as much occasioned by the rain that falls there, as by the waters of the Ganges; and as a proof of it, the lands in general are overflowed to a confiderable height long before the bed of the river is filled. It must be remarked, that the ground adjacent to the river bank, to the extent of fome miles, is confiderably higher than the rest of the country \*, and serves to separate the waters of the inundation from those of the river until it overflows. This high ground is in some seasons covered a foot or more; but the height of the inundation within, varies, of course, according to the irregularities of the ground, and is in some places twelve feet.

Even when the inundation becomes general, the river still shews itself, as well by the grass and reeds on its banks, as by its rapid and muddy stream; for the water of the inundation acquires a blackish

The state of the s All the rivers that are fituated within the limits of the monteens, or shifting trade winds, are subject to overflowings at annually stated periods, like the Canges: and these periods return during the season of the wind that brings vapours from the sea (which in Bengal, &c. is the southerly one) and this being periodical, the falls of rain must necessarily be so too.

The northerly wind, which blows only over the land, is dry; for no rain the continuous of the continuous states are seasons.

showers) falls during the continuance of that monfoon.

This property of the bank is well accounted for by Council at the imputes it to the precipitation of mud made by the waters of the right and the precipitation. The incompany, says he, purifies itself as it flows over the right. The incompany on the parts nearest to the margin of the right.

hue, by having been so long stagnant among grass and other vegetables: nor does it ever lose this tinge, which is a proof of the predominancy of the rain water over that of the river; as the flow rate of motion of the inundation (which does not exceed half a mile per hour) is of the remarkable flatness of the country.

There are particular tracts of lands, which, from the nature of their culture, and species of productions, requires less moissure than others; and yet, by the lowness of their situation would remain too long inundated, were they not guarded by dikes or dams, from to copious an inundation as would otherwise happen, from the great elevation of the furface of the river above them. These dikes are kept up at an enormous expence; and yet do not always fucceed, for want of tenacity in the foil of which they are composed. calculated that the length of these dikes collectively, amounts to more than a 1000 English miles. Some of them, at the base, are equal to the thickness of an ordinary rampart. One particular branch of the Ganges, (navigable only during the rainy feafon, but then equal to the Thames at Chelfea) is conducted between two of these dikes, for about 70 miles: and when full, the passengers in the boats, look down on the adjacent country, as from an eminonee.

Desire the forein flate of the river, the ride totally lake its effect of counteracting the furana; and in a great measure that of ebbing and flowing, except very near the sea. It is not uncommon for a strong wind, that blows up the river for any continuance, to swell the waters two feet above the ordinary level at that feafon: and fuch accidents have occasioned the loss of whole crops of the A very tragitude sample and at Lauring at 1 1763, by a firong

The rice I fpeak of is of a particular kind; for the growth of its stalk keeps pace with the increase of the field at ordinary times, but is destroyed by a too sudden sife of the water. The harvest is often a poats. There is also a kind of grass which overtops the shood in the same manner, and at a small distance has the appearance of a field of the richest verdure,

† About fifty many the feat.

gale of wind conspiring with a high spring tide, at a season when the periodical shood was within a foot and half of its highest pitch. It is said that the waters rose six seet above the ordinary level. Certain it is, that the inhabitants of a considerable district, with their houses and cattle, were totally swept away; and, to aggravate their distress, it happened in a part of the country which scarce produces a single tree for a drowning man to escape to.

Embarkations of every kind traverse the inundation: those bound upwards, availing themselves of a direct course and still water, at a season when every stream rushes like a torrent. The wind too, which at this season blows regularly from the south-east \*, favours their progress; insomuch, that a voyage, which takes up nine or ten days by the course of the river when confined within its banks, is now effected in six. Husbandry and grazing are both suspended; and the peasant traverses in his boat, those fields which in another season he was wont to plow; happy that the elevated site of the river banks place the herbase they contain, within his reach, otherwise his cattle must perish.

The following is a table of the gradual increase of the Ganges and its branches, according to observations made at Jellinghy and Dacca.

At Jellinghy.	At Dacca.
	Ft. En.
In May it rofe	
July 12	4 6
In the first half of August - 4 0	· 5 Q
(A) A P P P P P P P P P P P P P P P P P P	and the second
32 Q	14 3

Although in the gulf or bay of Bengal the monfoon blows from the SSW set & W; yet in the eaftern and northern parts of Bengal it blows from the SE or ESE.

These observations were made in a season, when the waters rose rather higher than usual; so that we may take 31 feet for the medium of the increase.

It must be observed, that the Ganges rises in a more considerable degree that the northern rivers that communicate with it, in the lower parts of its course (the Dimampooter excepted) and this is evident by the different circumstances that take place on the mixing of the waters of the Ganges and Teesta rivers, in the different seafons. The Teesta is a large river which runs almost parallel to the Ganges, for near 150 miles. During the dry season, the waters of the Teesta run into those of the Ganges by two distinct channels, fituated about 20 miles from each other; and a third channel at the same time discharges itself into the Megna. But during the season of the floods, the Ganges runs into the Teesla, whose outlet is then confined to the channel that communicates with the Megna. This alone, is fufficient to shew how trifling the descent of these rivers must be, whose courses are thus regulated (not by the declivity of their beds, but) by their heights in respect to each other; which, like the flux and reflux of the tide, have the effect of giving contrary directions to the stream, at different seasons.

The inundation is nearly at a stand for some days preceding the middle of August, when it begins to run off, for although great quantities of rain fall in the slat countries, during August and September, yet, by a partial cessation of the rains in the mountains, there happens a desiciency in the supplies necessary to keep up the inundation. The quantity of the daily decrease of the river is nearly in the following proportion; during the latter half of August, and all septembers, from three in the second Septembers, and all septembers.

I have tated the middle of August for the period when the waters begin to run off; and in general it appears with as much regularity as the vicifitudes of the featons do. But there are exceptions in the for in the year 1774 the rivers kept up for near a month after the usual time.

ber to the end of November, it gradually lessens from three inches to an inch and a half; and from November to the latter end of April, it is only half an inch per day at a medium. These proportions must be understood to relate to such parts of the river as are removed from the influence of the tides; of which more will be said presently. The decrease of the inundation does not always keep pace with that of the river, by reason of the height of the banks; but after the beginning of October, when the rain has nearly ceased, the remainder of the inundation goes off quickly by evaporation, leaving the lands highly manured, and in a state sit to receive the seed, after the simple operation of plowing.

There is a circumstance attending the increase of the Ganges, and which, I believe, is little known or attended to; because few people have made experiments on the heights to which the periodical flood rifes in different places. The circumstance I allude to, is, the difference of the quantity of the increase (as expressed in the foregoing table) in places more or less remote from the sea. It is a fact, confirmed by repeated experiments, that from about the place where the tide commences, to the sea, the height of the periodical. increase diminishes gradually, until it totally disappears at the point of confluence. Indeed, this is perfectly conformable to the known laws of fluids: the ocean preserves the same level at all seasons (under fimilar circumstances of tide) and necessarily influences the level of all the waters that communicate with it, unless precipitated in the form of a cataract. Could we suppose, for a moment, that the increased column of water, of 31 feet perpendicular, was continued all the way to the sea, by some preternatural agency: whenever that agency was removed, the head of the column would diffuse itself over the ocean, and the remaining part would follow from as far both as the influence of the oters constitute forming a flope, whose perpendicular being a constitute of the cons precise state in which we first it. At the point of junction with the

N n

fea, the height is the fame in both feafons at equal times of the tide. At Luckipour there is a difference of about fix feet between the heights in the different seasons; at Dacca, and places adjacent, 14; and at Custee, 31 feet. Here then is a regular slope; for the distances between the places bear a proportion to the respective heights. This slope must add to the rapidity of the stream; for, supposing the descent to have been originally four inches per mile, this will increase it to about five and a half. Custee is about 240 miles from the sea, by the course of the river; and the surface of the river there, during the dry feafon, is about 80 feet above the level of the sea at high water \*. Thus far does the ocean manifest its dominion in both scasons: in the one by the ebbing and flowing of its tides; and in the other by depressing the periodical flood, till the furface of it coincides as nearly with its own, as the descent of the channel of the river will admit +.

Similar circumstances take place in the Jellinghy, Hoogly, and Burrampooter rivers; and, I suppose, in all others that are subject either to periodical or occasional swellings.

Not only does the flood diminish near the sea, but the river banks diminish in the same proportion; so that in the dry season the height of the periodical flood may be known by that of the bank.

I am aware of an objection that may be made to the above folution; which is, that the lowness of the banks in places near the sea, is the true reason why the floods do not attain so considerable a

<sup>\*</sup> The tides in the river Amazons are perceptible at 600 miles above its mouth; but at an elevation of only 90 feet, according to M. De Condamine. It remains to be told what the

elevation of only 90 feet, according to M. De Condamine. It remains to be told what the flate of the river was at the time of making the experiment; because the land-sloods have the effect of mattering the limits of the tide's way.

1. Let the land De land the limits of the tide's way.

1. Let the land be land to the increased velocity of the current, as the river approaches the fea: which, fays he, carries of the introducing for quick, as to about its height. Now (with the utmost deference to so great an authority) I could never perceive, that the current, either in the Canges, or any other river, was stronger near the sea than at a distance from it. Even if we admit an acceleration of the current during the ebb-tide, the flux retards it in so considerable adegree; as at least to counter-balance the effects produced by the temporary increase of velocity. ancrease of velocity.

height, as in places farther removed from it, and where the banks are high; for that the river, wanting a bank to confine it, diffuses itself over the surface of the country. In answer to this, I shall observe, that it is proved by experiment, that at any given time, the quantity of the increase in different places, bears a just proportion to the sum total of the increase in each place respectively: or, in other words, that when the river has risen three feet at Dacca, where the whole rising is about 14 feet; it will have rose upwards of fix feet and a half at Custee, where it rises 31 feet in all.

The quantity of water discharged by the Ganges, in one second of time, during the dry season, is 80,000 cubic seet; but the river, when sull, having thrice the volume of water in it that it had at the time when the experiment was made; and its motion being also accelerated in the proportion of 5 to 3; the quantity discharged in a second at that season is 405,000 cubic seet. If we take the medium the whole year through, it will be nearly 180,000 cubic seet in a second.

THE BURRAMPOOTER, which has its fource from the opposite fide of the same mountains that give rise to the Ganges, first takes its course eastward (or directly opposite to that of the Ganges) through the country of Thibet, where it is named Sampes of Zanciu, which bears the same interpretation as the Gonga of Hindoostan; namely, The River. The course of it through Thibet, as given by Father Du Halde, and formed into a map by Mr. D'Anville, though sufficiently exact for the purpose of general geography, is not particular enough to secretain the present length of its course. After winding with a tapas current through Thibet, it washes the

border of the territory of Lassa (in which is the residence of the grand Lama) and then deviating from an east to a south-east course, it approaches within 220 miles of Yunan, the westernmost province of China. Here it appears, as if undetermined whether to attempt a passage to the sea by the Gulf of Siam, or by that of Bengal; but seemingly determining on the latter, it turns suddenly to the west through Assam, and enters Bengal on the north-east. I have not been able to learn the exact place where it changes its name; but as the people of Assam call it Burrampoot, it would appear, that it takes this name on its entering Assam. After its entry into Bengal, it makes a circuit round the western point of the Garrow Mountains; and then, altering its course to south, it meets the Ganges about 40 miles from the sea.

Father Du Halde expresses his doubts concerning the course that the Sanpoo takes after leaving Thibet, and only supposes generally that it falls into the gulf of Bengal. M. D'Anville, his geographer, not without reason, supposed the Sanpoo and Ava river to be the same; being justified by the information which his materials afforded him: for the Burrampooter was represented to him, as one of the inferior streams that contributed its waters to the Ganges, and not as its equal or superior; and this was sufficient to direct his researches, after the mouth of the Sanpoo river, to some other quarter. The Ava river, as well from its bulk, as the bent of its course for some hundred miles above its mouth, appeared to him to be a continuation of the river in question: and it was accordingly described as such in his maps, the authority of which was justly effected as such in his maps, the authority of which was justly effected as such in his maps, the authority of which was justly effected as such in his maps, the authority of which was justly effected as such in his maps, the authority of which was justly effected as such in his maps, the authority of which was justly effected as such in his maps, the authority of which was justly effected.

On tracing this siver in 176 g. I was no less surprized, at finding it rather larger than the Ganges, than at its course previous to its entering Bengal. This I found to be from the east; although all the former accounts represented it as from the north; and this ma-

expected discovery soon led to enquiries, which furnished me with an account of its general course to within 100 miles of the place were Du Halde lest the Sanpoo. I could no longer doubt, that the Burrampooter and Sanpoo were one and the same river: and to this was added the positive assurances of the Assamers, "That their" river came from the north-west, through the Bootan mountains." And to place it beyond a doubt, that the Sanpoo river is not the same with the river of Ava, but that this last is the great Nou Kian of Yunan; I have in my possession a manuscript draught of the Ava river, to within 150 miles of the place where Du Halde leaves the Nou Kian, in its course towards Ava; together with very authentic information that this river (named Irabattey by the people of Ava) is navigable from the city of Ava into the province of Yunan in China\*.

The Burrampooter, during a course of 400 miles through Bengal, bears so intimate a resemblance to the Ganges, except in one particular, that one description may serve for both. The exception I mean, is, that during the last 60 miles before its junction with the Ganges, it forms a stream which is regularly from four to five miles wide, and but for its freshness might pass for an arm of the sea. Common description fails in an attempt to convey an adequate idea of the grandeur of this magnificent object; for,

Dares stretch her wing o'er this enormous mass
Of rushing water; to whose dread expanse,
Continuous depth, and wond'rous length of course,
Our floods are rills

Thomson's Seafons

My information comes from a perion who had crided at the Memoir, page 216, and also the Mediers Visional Midney, and a first of the Property of the Resident pooter and Ganges, as well as test of the five river from Tunan in the less, are described in the map of Microbostras.

I have

I have already endeavoured to account for the fingular breadth of the Megna, by supposing that the Ganges once joined it where the Islamutty now does; and that their joint waters scooped out its present bed. The present junction of these two mighty rivers below Luckipour, produces a body of running fresh water, hardly to be equalled in the old hemisphere; and, perhaps, not exceeded in the new. It now forms a gulf interspersed with islands, some of which rival, in size and fertility, our isle of Wight. The water at ordinary times is hardly brackish at the extremities of these islands; and, in the rainy season, the sea (or at least the surface of it) is perfectly fresh to the distance of many leagues out.

The bore (which is known to be a fudden and abrupt influx of the tide into a river or narrow strait) prevails in the principal branches of the Ganges, and in the Megna; but the Hoogly river, and the passages between the islands and fands situated in the gulf, formed by the confluence of the Ganges and Megna, are more fubiect to it than the other rivers. This may be owing partly, to their having greater embouchures in proportion to their channels, than the others have, by which means a larger proportion of tide is forced through a passage comparatively smaller, and partly, to there being no capital openings near them, to draw off any confiderable portion of the accumulating tide. In the Hoogly or Calcutta river, the bore commences at Hoogly Point (the place where the river first contracts itself) and is perceptible above Hoogly town; and so quick is its motion, that it hardly employs four hours in travelling from one to the other, although the distance is near 70 miles. At Calcutta, it fometimes occasions an instantaneous rise of five feet: and both here, and in every other part of its track, the boats, on its approach, immediately quit the shore, and make for safety to the middle of the river.

In the channels, between the islands in the mouth of the Megna, &c. the height of the bore is said to exceed twelve feet; and is so

terrific in its appearance, and dangerous in its consequences, that no boat will venture to pass at spring tide. After the tide is fairly past the islands, no vestige of a bore is seen, which may be owing to the great width of the Megna, in comparison with the passages between the islands; but the effects of it are visible enough, by the sudden rising of the tides.

THE rivers are in a tranquil state, from the time of the change of the monfoon in October, to the middle of March; when the northwesters begin in the eastern parts of BENGAL (though later as we advance westwards) and may be expected once in three or four days until the commencement of the rainy season. These northwesters, which have their denomination from the quarter they usually originate in, are the most formidable enemies that are met with in this inland navigation; they being fudden and violent squalls of wind and rain; and though of no long duration, are often attended with fatal effects, if not carefully guarded against; whole fleets of trading-boats having been funk by them, almost instantaneously. They are more frequent in the eastern, than in the western part of BENGAL; and happen oftner towards the close of the day, than at any other time. As they are indicated some hours before they arrive, by the rifing and very fingular appearance of the clouds, the traveller has commonly time enough to feek a place of shelter. is in the great rivers alone, that they are so truely formidable: and that about the latter end of May, and beginning of June, when the rivers are much increased in width.

After the commencement of the rainy season (which period varies in different parts, from the middle, to the end of June) tempessures weather must be occasionally expected. Places of shelter expenses

common at this feason, than at any other, by the filling of the creeks and inlets, as the river increases: and, on the other hand, the bad weather, when it happens, is of longer continuance than during the feason of the northwesters. The rivers being now spread to the breadth of several miles, a strong wind has the power of raising large waves on them, and particularly when blowing in a contrary direction to the rapid parts of the stream; which at such times should be avoided, as much from motives of conveniency, as of safety.

During the long interval between the end of the rainy feason, and the beginning of the northwesters, one proceeds in security with respect to weather, and has only to observe a common degree of attention to the piloting the boat clear of shallows, and stumps of trees. These will generally be avoided by keeping nearest to the side that has the steep bank; but not so near, as to be within the verge of its inserior slope. This steep bank (see page 261) has the deepest water, and the strongest current near it; and is therefore, on both accounts, the proper side to keep on, when going down with the stream; as its rate of motion must principally determine that of the boat; for the motion acquired by the oars of a large budgerow \* hardly exceeds 8 miles a day, at ordinary times.

From the beginning of November to the middle or latter end of May, the usual rate of going with the stream, is forty miles in a day of 12 hours; and during the rest of the year, from 50 to 70 miles. The current is strongest while the waters of the inundation are draining off; which happens in part of August and September.

during the dry months. Continuent, that the track-rope is frequently used in going downwards.

A travelling bost, confirmed fomewhat like a pleasure barge. Some have cabine 14, fret wide, and propagionably long; and draw from 4 to 5 feet water.

In towing against the stream, the steep side is also generally preferred, on account of the depth of water; although the current runs so much stronger there, than on the opposite side. On these occasions, one ought to be provided with a very long track-rope, as well to avoid the falling pieces of the steep bank on the one side, as the shallow water on the other, when it becomes necessary to change sides, through the badness of the tracking ground. The anchor should always be kept ready for dropping, in case the track-rope breaks.

Seventeen, to twenty miles a day, according to the ground, and the number of impediments, is the greatest distance that a large budgerow can be towed against the stream, during the fair season; and to accomplish this, the boat must be drawn at the rate of sour miles and a half per hour, through the water, for 12 hours. When the waters are high, a greater progress will be made, notwithstanding the increased velocity of the current; because the filling of the river-bed gives many opportunities of cutting off angles and turnings; and sometimes even large windings, by going through creeks. And as the wind at this season, blows upwards in most of the rivers, opportunities of using the sail frequently occur.

In the very fingular navigation across the Jeels, or inundation, between Dacca and Nattore, &c. in which 100 miles or more, are sailed on nearly a straight course, leaving the villages and groves to the right and left; little difficulty occurs, unless the wind should fail: for while it continues to blow, it is always fair, during the season of the inundation. The current presents only a trifling obstacle; since its motion (which is nearly parallel to the course of the Ganges) is seldom half a mile per hour:

The season of the northwesters, is, above all others, that which requires the most attention and care. Should one of those squalls approach, and no creek or inser offer for shelter, when in the wide

rivers; the steep bank, if not in a crumbling state \*, should always be preferred to the flat one, whether it lie to windward or leeward. If the bank be in a crumbling flate, a retreat to a firm part of it, (which is most likely to be found in the straightest parts of the river) should be attempted. But if this cannot be done, the flat fide must be taken up with; and if it be a lee-shore, the anchor should be thrown out to prevent driving on it. In these cases the mast is always supposed to be struck; and provided this be done, and the cargo judiciously disposed, it is probable that a well-constructed budgerow will be in no danger of oversetting by the mere force of the wind alone: although by an unfortunate, or an ill-chosen situation, it may be so much exposed to the waves, as to be filled and funk by At this feafon, every traveller should be particularly attentive to the nature of the river-bank, as well as to the appearance of the horizon, during the last hours of the afternoon; and if he finds a place of shelter, he should stop for the night: and not hesitate about losing time, which may be retrieved the next morning, by fetting out so much earlier. The boatmen work with much more alacrity on this plan; because they have day-light before them to fecure their boat, provide fewel, and dress and eat their provisions.

As the water is always either rifing or falling within the beds of the rivers, it is impossible for a map to assign precisely where a place of shelter shall be found, at any given time. Thus much, however, may be concluded, that in a place where the junction of two considerable channels is effected when the rivers are up, there will be an inlet, or deep bay, throughout the dry season, although one of the channels should be dried up. The waters (as we have said before) are rising from the latter end of April, to the middle of August: and falling during the rest of the year.

The navigation through THE WOODS, or SUNDERBUNDS, is effected chiefly by means of the tide. In the large rivers, or those

<sup>\*</sup> See page 207, and the second note in the same page.

that communicate immediately with the sea, the circumstances of the tide are more analogous to the ordinary course of it, than in the small lateral channels which serves to connect the great rivers together; the motion of the tide in those small channels, being regulated by the positions of their openings into the rivers. For if two rivers of equal bed and parallel course, are united by a lateral or cross canal, the flood tide will enter that opening of the canal which lies nearest to the sea, and run through it into the other river; and the ebb tide vice versa. But as the arrival of the tide depends on the capacity and formation of the rivers, as well as on the absolute distance it has to run, it will not be an easy matter to determine its direction at any given time, even with the help of a map.

There are two distinct passages through the Sunderbunds, the one named the southern or Sunderbund Passage, the other the Baliagot Passage. The first is the farthest about, and leads through the deepest and widest rivers; and is of course, the most exposed during tempestuous weather. It opens into the Calcutta river, thro' Channel-creek \*, about 65 miles below the town. The Baliagot Passage opens into a lake on the east side of Calcutta; from whence, within a very sew years, a small canal has been cut to join the lake with the river.

These passages present to the imagination both a grand and a curious spectacle: a navigation of more than 200 miles through a forest, divided into numberless islands by a continued labyrinth of channels, so various in point of width that a vessel has at one time her masts almost entangled in the trees: and at another, sails uninterputedly on a capacious river, beautifully skirted with woods, and affording a vista of many miles each way. The water is every where salt; and the whole extent of the forest absoluted to wild besits: so that the shore it seldom visited but in cases of necessity, except

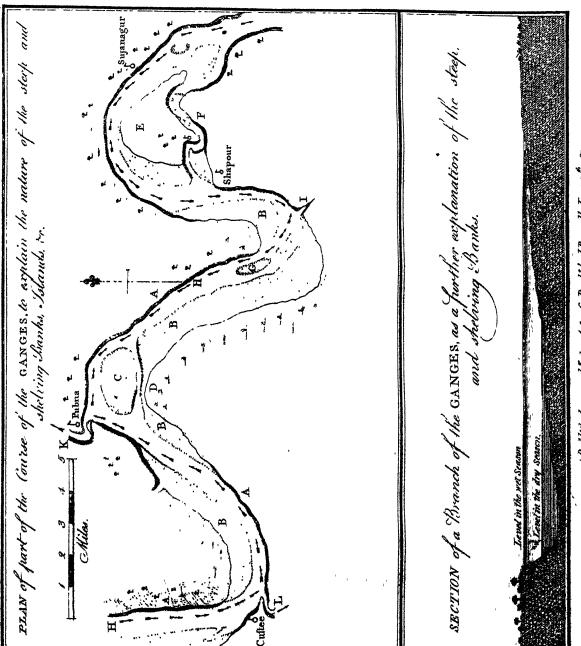
<sup>\*</sup> A part of this Creek forms the place known of late by the name of NEW-HARBOUR.

by the wood-cutters and falt-makers whose "dreadful trade" is exercised at the constant peril of their lives: for the tygers not only appear on the margin in quest of prey, but often, in the night time, swim to the boats that lie at anchor in the middle of the river.

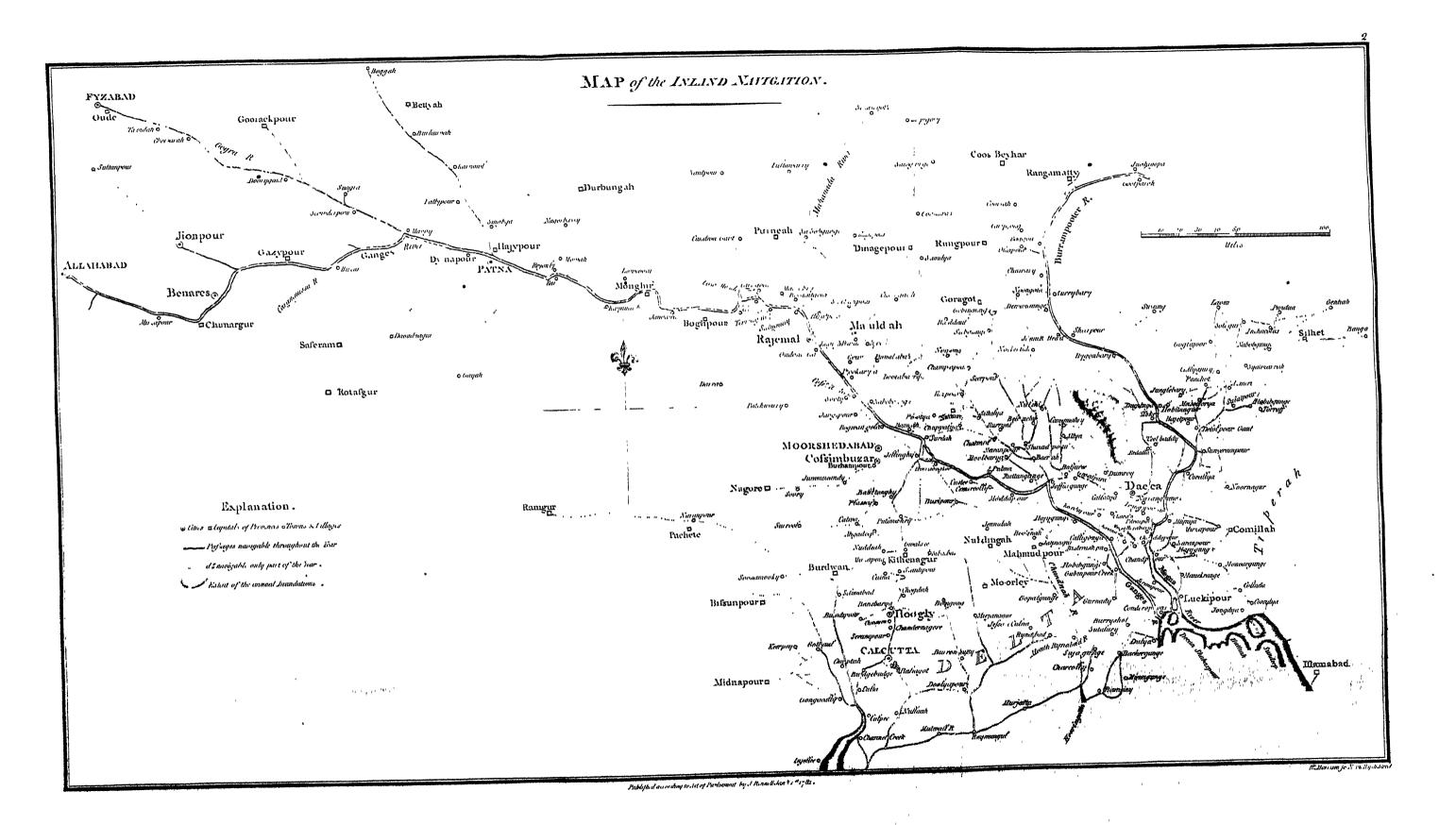
These passages are used during the whole year, by those who go to and from the lower parts of the Ganges and Calcutta, &c: and during the season when the western branch of the Ganges is almost dried up, the whole trade of Bengal (the western provinces excepted) passes either by Channel-creek, or Baliagot, but chiefly by the former; some articles of the Company's cargoes being brought more than 900 miles by water, at this season.

## EXPLANATION of PLATE, No. I.

- A. A. A. Steep Banks, corroded by the current; the fragments of which are deposited, and form the Banks B. B. B.
- C. A fand Bank, accumulating to an Island. This once joined to D; till insulated by a breach of the river.
- E. An Island, formed and inhabited. This also was a fand-bank, thrown up round the point F.
- G. An Island accumulating in the midst of the Channel.
- H. The line of the strongest current.
- A Gulf-occasioned by the force of the current, from the opposite side, striking against the Bank: the origin of a suture branch issuing from the great river. In a course of time, the sirst reach of it becomes retrogade to the course of the river (see note, page 263) as at K and L.
- N. B. The section of the Branch of the Ganges is exactly similar that of the Ganges itself, except in the article of width.



Indipod accord. To Act of Parliky IRennell June 30" 1:35.



## POSTSCRIPT.

Correction of the Geography of the Indus, and its Delta, &c.

SINCE the Memoir was printed, some better information refeeting the country of Sindy, and the river Sinde\* (or Indus) than what appears in page 80, has been most obligingly communicated by a person of character, who resided some time in that country, in the service of the East India Company. The delta, and course of the river, have in consequence, been corrected in the map: but the form of the coast has undergone no change, although the position of it, has; for Ritchel and Cape Monze are removed several miles surther to the south, while their former distance from Jigat Point is preserved. Cape Monze now stands in lat. 24° 55′, lon. 65° 46′: Ritchel, in lat. 24° 14′ (it was 24° 12′ by Capt. Scott's observations) and the mouth of Larry-Bunder river, which was the principal channel of the Indus, during the last century, and early in the present one, is in lat. 24° 44′; being within one minute of the parallel assigned it, by the India pilot.

The city of Tatta, the capital of the province of Sindy, and supposed to be near the site of the Pattala + of the ancients, is situated, according to the idea of the abovementioned gentleman, about 38 G. miles to the north of Ritchel, and 50 to the east of

Pp

<sup>•</sup> Mr. Wilkins makes the proper name of this river to be Standboo. Hectopades, page 333-† It is impossible to fix the exact fite of Pattala, as there are properly two deltas, a superior and an inserior one; exclusive of the many islands formed by the Indus when it approaches the sea. Tatta is near the head of the inserior delta; and the ancient accounts mention only one great delta, having Pattala at the upper angle of it. In Ptolemy's map (Asiæ Tab. XX) Pattala is placed very far below the place, where the Indus sirst begins to separate into branches.

it: fo that it ought to be in lat. 24° 50′, lon. 67° 37′; and about 125 miles from the fea, by the course of the river \*. According to M. Thevenot, it is three days journey from Larry-Bunder town; which according to Capt. Hamilton, is 5 or 6 leagues from the fea. M. Thevenot's 3 days journey may be taken at 54 G. miles of horizontal distance; and the whole distance of Tatta, from the mouth of Larry-Bunder river, at about 68 G. miles: and this does not disagree with the account given above.

According to a MS. itinerary (kept by N. Whittington, no date to it) Tatta is about 180 cosses from Radimpour on the Puddar river: and 228 from Amedabad, passing through Radimpour. This last town is placed in the new map, chiefly on the authority of Mr. Hornby's MS. map of Guzerat, mentioned in page 149: and 180 cosses, laid off from it, would place Tatta about 22 G. miles further to the west, than the position assigned it above, provided that the general direction of the road, was straight: but it appears by the ideas of Jansen and Blaeu, who have severally defcribed this road, that it bends greatly to the fouth; and therefore will accord very well with the above data: and it may be concluded, on the whole, that the longitudes of Tatta and of Cape Monze, are not far from the truth. The route in question, goes by the village of Negar-Parkar, and by the town of Nuraquimire; and through part of the territory of Cutch: it crosses the great sandy desert also.

It is not to be expected that any particular account of the number and positions of the several branches and mouths of the Indus, should exist, unless a survey of them had previously been made. All the information that I have been able to obtain on the subject,

<sup>\*</sup> These are the particulars: From Ritchel to Shahbunder, about 40 miles by the course of the river, the bearing, much eastwardly. Thence to Aurungabunder, 25 more (but by land only 10 or 12) the course somewhat more northwardly. Thence to Tatta, 60 miles, NNE, or NE b N. The windings of the river are supposed to reduce the distance, on a straight line, to 63 G. miles. The latitude of Tatta, is supposed to be something more than 24° 40′: the construction, according to these data, makes it 24° 50′.

respects three of them only; and is as follows. About 170 miles from the sea, by the course of the river, the Indus divides into two branches; of which the westernmost is by much the largest. This branch, after a course of about 50 miles, to the SW, divides into two more; the finallest of which runs on a WSW course, to Larry-Bunder, and Darraway: and the largest, taking the name of the Ritchel river, runs on a more fouthwardly course to the town or village of Ritchel, on the sea coast. (Tatta is situated within this inferior delta, and about five miles below the upper angle of it.) The third branch remains to be mentioned, and is that which bounds the eastern fide of the superior delta; separating as is said above, at about 170 miles from the sea. It is smaller than the Ritchel river, but larger than that of Larry-Bunder; and by circumstances, and by report, it opens into the mouth of the gulf of Cutch, nearly opposite to Jigat Point; its course being somewhat to the eastward of fouth.

From these data, together with the aid of the chart of the coast, it may be collected, that the delta of the Indus is about 150 British miles in length, along the sea coast; and about 115 in depth, from the place of separation of the superior branches of the river, to the most prominent point of the sea coast. Arrian (after Nearchus) reckons the first distance 1800 \* stadia; and Pliny 220 Roman miles: that is, he reckoned about 8 of those stades to a mile.

The lower part of this delta is intersected by rivers and creeks, in almost every direction, like the delta of the Ganges: but unlike that, it has no trees on it; the dry parts being covered with brushwood; and the remainder, by much the greatest part, being noiforne swamps, or muddy lakes. A minaret, at the mouth of Ritchel river, serves for a mark for the road; which, from the flatness and sameness of the appearance of the coast, could not other-

<sup>\*</sup> It appears from Stribbo, that Aristobulas allowed only 1000 stadia for the basis of the delta.

wife be discriminated. The upper part of the delta is well cultivated, and yields abundance of rice.

From the ideas generally entertained concerning the nature, and treatment of camels, it would not be expected that this delta, and especially that part of it, nearest to the sea, should be set apart for the breeding of those animals. It is, however the case; and the tender parts of the brush-wood serve them for fodder.

It is a remarkable circumstance that the tide should not be visible in this river, at a greater distance than 60 or 65 miles from the sea. The bores are high and dangerous in the mouths of the river. (See the Introduction page xxiv.)

The breadth of the Ritchel branch is estimated at one mile, just above the tide: and at Tatta, at only half a mile \*. It is certain that the Indus is very considerably less than the Ganges. The velocity of its current, is estimated at 4 miles per hour, in the dry season; which I should suppose to be over-rated, unless the declivity be much more than I have an idea of: though indeed, the short course of the tide, upwards, seems to require some such cause.

The province of Sindy in many particulars of soil and climate, and in the general appearance of its surface, resembles Egypt: the lower part of it being composed of rich vegetable mould, and extended into a wide delta; while the upper part of it, is a narrow slip of country, confined on one side by a ridge, or ridges of mountains, and on the other by a sandy desert; the river Indus, equal at least to the Nile, winding through the midst of this level valley, and annually overslowing it. During great part of the SW monsoon, or at least in the months of July, August, and part of September, which is the rainy season in most other parts of India, the atmosphere, is here generally clouded, but no rain falls, except very near to the sea. Indeed very sew showers fall during the

<sup>- \*</sup> Hamilton reckoned it a mile broad, in 1699; and fays it was 6 fathom deep, and that the inundations are in April, May, and June.

whole year. Capt. Hamilton fays, that when he visited Tatta, no rain had fallen for 3 years before. Owing to this, and to the neighbourhood of the fandy deferts, which bound it on the east, and on the north-west, the heats are so violent, and the winds from those quarters so pernicious, that the houses are contrived so as to be occasionally ventilated by means of apertures on the tops of them, resembling the funnels of small chimnies. When the hot winds prevail, the windows are closely shut, by which the hottest part of the current of air (that nearest the surface, of course) is excluded: and a cooler part, because more elevated, descends into the house, through the funnels. By this means also, vast clouds of dust are excluded, the entry of which alone would be sufficient to render the houses uninhabitable. The roofs are composed of thick layers of earth, instead of terraces. Few countries are more unwholfome to European conftitutions: particularly the lower part of the delta.

Sindy extends along the course of the Indus from its embouchure to Behker or Bhakor on the frontiers of Moultan; and may be reckoned at least 300 B. miles in length, that way. Its breadth is very irregular: it may be about 160 miles in the widest part. On the NE, lie the territories of the Seiks; and on the north, those of the King of Candahar; on the west is Makran\*, a province of Persia, whose Prince is tributary to the King of Candahar. A sandy desert bounds Sindy on the east, and extends the whole way from the territory of Cutch, to the confines of Moultan; being near 550 B. miles in length, and from 100 to 150 wide. P. Wendell in his account of the Rajpoot's country (or Rajpootana) says, that the country begins to grow sandy, immediately on the west of Agimere: so that the desert must be exceedingly wide in that part. This is the sandy desert mentioned by Herodotus. See page xxii

<sup>\*</sup> Makran, or Mocran, is the ancient Gedrosia. One of its modern names is Ketch or Kedge, and is often prefixed to the other, as Katch-Makran. If Ketch was in use assigntly, it is likely to have given birth to the name Gedrosia.

of the Introduction. The fort of Ammercot, the retreat of the Emperor Humaioon, and the birth place of his fon Acbar (page Ivii) is fituated within this defert. In the Ayin Acbarce, it is classed as belonging to the Nusserpour division, of the province of Sindy: Ferishta reckons it about 100 cosses from Tatta. It may reasonably be supposed that this desert contains many habitable tracts or islands, within it, like the OAses\* of the Lybian deserts.

The city of Tatta, the position of which we have described above, was, in the last century, very extensive and populous, and was a place of great trade; possessing manufactures of filk, carmania wool, and cotton: and was also celebrated for its cabinet ware. Little of these now remain; and the limits of the city are very much circumscribed. On the shores of the Indus, above the delta, considerable quantities of saltpetre are made: and within the hilly tract, which commences about three miles on the NW of Tatta, are found mines of iron, and salt. The ruins of a city, supposed to be Braminabad, lie within 4 miles of Tatta.

The river Indus and its branches, admit of an uninterrupted navigation from Tatta to Moultan, Lahore, and Cashmere, for vessels of near 200 tons; and a very extensive trade was carried on between those places, in the time of Aurungzebe: but at present very little of this trade remains, owing to a bad government in Sindy; and probably to the hostile disposition of the Seiks, the present possessor of Moultan and Lahore. Capt. Hamilton says that boats came from Lahore to Tatta, in 12 days. Had Ferose's canal been completed, there would have been an inland navigation from Tatta to Bengal, and Assam. (See page 72.)

The reader will recoilect that Nadir Shah, in 1739, obtained a cession of the province of Sindy, as well as the rest of the Indian provinces, lying on the west of the Indus: and he even visited

Tatta. Abdalla, when he seized on the provinces, which compose his present empire, retained the sovereignty of Sindy also: and the Prince of this province, is accordingly, tributary to the present King of Candahar, Timur Shah\*. The Prince is a Mahomedan, and of Abassynian extraction: his usual place of residence is at the fort of Hydrabad, situated on the Indus, not far above the head of the delta; and in the neighbourhood of the city of Nusserpour. The Hindoos, who were the original inhabitants of Sindy, and were reckoned to outnumber the Mahomedans, in the proportion of 10 to 1, in Capt. Hamilton's time, are treated with great rigour by their Mahomedan Governors; and are not permitted to erect any pagodas, or other places of worship: and this severity drives vast numbers of them into other countries.

The gentleman from whom I had my information concerning the delta of the Indus, &c. went up the Indus as far as the city of Bhakor (or Behker) which is about two-thirds of the way to Moultan. He observed the moveable towns or villages on the banks of the river (noticed by Nearchus, and the Ayin Acbaree: see Introduction page xxx). Some of these are the habitations of sishermen, and others of graziers: and they are constantly changing their positions like a camp. Few rivers abound more with sish than the Indus does; and among these, are some very delicious sorts.

Among the various tribes, that inhabit the hilly tracts bordering on the western side of the Indus, there is according to my friend's account, one of the name of Nemurdy. They are of the Mahomedan religion; are freebooters, and very troublesome to the villagers, and travellers. The Ayin Acbaree also takes particular notice of this tribe; and states its strength to be 7000 infantry, and 300 horsemen (about the year 1560). This being a part of the tract

<sup>\*</sup> Mr. Fraser, in his account of Nadir Shah, gives a copy of this partition treaty, by which the Nulla Sunkra, or Santra fiver was to be the common boundary between Hindonian and the Persian provinces, near the mouth of the Indus. It may then, be inferred, that the eastern branch of the Indus is named the Sunkra river.

named Indo-Scythia by the ancients, a doubt arises whether they may not be the descendants of the Scythian Nomades; if the Scythians on the borders of Mount Imaus, did really call themfelves by that name; and that it was not a term applied to them by the Greeks\*, alone. It may also be a question whether the graziers abovementioned, may not have derived their custom of moving their habitations, from Scythian ancestors: for the custom, as far as I know, does not prevail in the rest of India.

The upper part of the course of the Indus, is taken from M. D'Anville's map of Asia; as I know of no better authority. The towns on its banks are taken chiefly from the itinerary, mentioned in page 68; as is also the point of conflux of the Setlege (or Suttuluz) with the Indus. The latitude of Behker is given at 27° 12' in this itinerary, which I have corrected to 27° 32'; for reasons given in pages 68 and 80. Finding Hajykan mentioned as one of the districts belonging to Sindy, in the Ayin Acharee, and it being very clear that a large province of the same name, lies on the west of the Indus opposite to Moultan, I can no otherwise reconcile these two accounts, than by supposing that Hajykan extends southward, along the Indus, until it meets the borders of Sindy; and that a finall part of it was subject to Sindy. In this case, the province of Behker must be confined chiefly to the east side of the Indus. No part of Hajykan is reckoned to belong either to Moultan or Candahar; in the Ayin Acbaree.

Cutch, is a territory of considerable extent, situated on the southeast of Sindy; the eastern branch of the Indus separating the two

<sup>\*</sup> The following passage occurs in M. D'Anville's Belaireissement Géographiques sur la Carte de l'Inde, p. 42. "Où agnore le temps auquel les Scythes sont venus occuper le Sindi. Dans le Périple de la mer Erythrée \*, la ville de Minnagara, la même que Mansora †, est qualissée de capitale de la Scythie. Denys Périegète dit, que les Scythes méridionaux, habitent sur le fleuve Indus. Eustathe les nomme Indo-Scythes: & ce que Ptolémée appelle Indo-Scythic remonte le long de l'Indus jusqu' au fleuve Coas ‡.

<sup>\*</sup> The Arabian sea, or sea of Omman.
† Bhakor or Behker, is the same with the ancient Mansora—Ayin Acbarce.

‡ That which runs by Nasaa, and falls into the Indus a confiderable distance below Attock; and which, according to my idea, is the Hir of the Persians.

countries. It extends along the northern coast of the gulf of Cutch, and is separated from Guzerat, by the Puddar river, or one of its branches. The present capital, and residence of its Rajah, is Boodge-boodge; and appears to be the place named Booz in Mr. Hornby's map, where it is placed about 34 G. miles to the eastward or ESE of the eastern branch of the Indus. Cutch is composed chiefly of hills, woods, and sandy wilds: and we are utterly ignorant of any particulars relating to the interior part of it. The mouths of several rivers appear in the map of its coast: and the ancient maps describe the Puddar river as discharging itself into the gulf of Cutch, through these openings. It is possible that the river formed by the Caggar and other streams, may discharge Itself by one or more of these openings; unless it loses itself in the sands of the desert, which borders on the north of Cutch.

On the fouth coast of the gulf of Cutch is a district inhabited by a piratical tribe named Sangarians, who cruise for merchant ships, as far to the west as the entrance of the gulf of Persia. The capital of this state, is Noanagur; and Bate (or Bait) and Aramroy, are its principal ports. The Ayin Acbaree takes notice of the founding of Noanagur, by a Rajah who was driven out of Cutch, about 280 years ago: and says that the territory in which it is situated, is named Little Cutch. No mention is made of Sangarians, in the same book: nor of any piracies being committed by the people of Noanagur.

Nearchus names certain parts of the country between the mouth of the Indus and the river Arabius, Sangada and Saranga; but the tract was too confined, to be the abode of a nation. M. D'Anville supposes that the country of Sangada\*, was the same with the modern Sangara: if so, the Sangarians must first have removed from the western, to the eastern side, of the Indus; and afterwards

must also have crossed the gulf of Cutch. The latter fact, seems verified by the Ayin Acbaree.

I cannot omit to observe, in this place, how exactly the position and description of the haven, named by Nearchus, the port of zilexander; and which had an itland near it, named Crocola; agrees with that of Crotchey: and proves incontestibly, by the circumstance of the proximity of the mountains to the sea coast, when the fleet had advanced only 150 stadia from the mouth of the Indus, that Nearchus failed out of the western branch of that river. ever, one might conclude, from Arrian's account of Alexander's voyage down the two branches below Pattala, that he fixed on the easternmost branch, for Nearchus's fleet to proceed through, to the ocean; as Arrian calls it the left branch: but the circumstance of Alexander's landing, with a party of horse, and proceeding three days along the coast, in the direction that his fleet was to sail, that is, westward, overthrows such a supposition entirely: for no one will suppose that he chose to march a party of horse three days, along the coast of the delta, where he must have been continually interrupted by deep rivers and creeks.

# Correction of the Coast of Orissa, in the Map.

THE arrival of Capt. Ritchie in England, has enabled me to correct that part of the coast, between the mouth of the Kannaka river (on the north of Point Palmiras) and the most southern branch of the Mahanuddy, or Cattack river; from a tracing of that coast, made by Capt. Ritchie, by order of Mr. Hastings. From this chart it appears, that Point Palmiras is further to the castward, in respect of Jagarnaut and Balasore, than is warranted by the materials,

discussed in page 11: for by the late observations, it ought to be placed (at least) in 87° 5' longitude, instead of 87° 1' 30". A reference to the map will best explain the respective positions of the principal mouths of the Mahanuddy, and other rivers, between the black pagoda and Kannaka. It is proper to observe, that the coast was not traced home to the black pagoda; so that the exact position of Point Palmiras, is yet a desideratum. Capt. Ritchie was informed, when at the fouthmost opening of the Mahanuddy, that the black pagoda, was very near, on the fouth-west. It was, however, out of fight; but this may be accounted for, by the form of the coast, which projects in a very large curve, and might intercept the view of the pagoda, from a person close under the shore, as Mr. Ritchie was: although the pagoda might not be many miles off. The fouthmost mouth or opening of the Mahanuddy is in lat. 19° 54': and is supposed to be about 19 miles to the eastward of Jagarnaut pagoda. The object of this examination, was, to enable the Government of Bengal, to fix on a proper fpot for a light house, for the direction of ships round Point Palmiras, and into Balasore road. Capt. Ritchie gave the preference to the point ittelf (named Mayaparah by the natives) but no light-house is yet I believe the matter refled with the merchants of Calcutta. The reef extends near 10 miles to the ENE of Point Palmiras, in the new chart. There was too much furf on the coast to allow his boat to land, fo that he could not learn the names of the few villages that are dispersed along the coast. He is pretty certain that no large river falls in between Point Palmiras and the false point.

## I N D E X

TOTHE

# ME MOIR.

- The Names of Countries, or Nations, are in Roman Capitals; and the Names, or Titles of Princes, Rajahs, or Chiefs, in Italic ones. The Titles of Books, and the Names of Authors, as well as of other Perfons whose Authorities are quoted, or whose Assistance has been acknowledged in the Course of the Work, are in Italics: and the Names of Places belonging to Ancient Geography, have an \* prefixed to them. The Roman Figures, refer to the Introduction; and the Arabic ones, to the Memoir, and Appendix.
- †1† Abbreviations. Terris. Territories. I. Mand. R. River. Pt. Point. Mt. or Mts. Mountain, or Mountains.

A. Page ABDALLA, King of Candahar, his vithe to Delhi, xx & Jeg. His grand battle with the Mahrattas, lxxiv. Founder of the kingdom of Candahar cxxiii ABDALLI, meaning the subjects of the King of Candahar: See Candahar. Abul Fazil, compiles the Ayin Acbarec cix. cited 104, 106, 117 Abingdon, Major ABISTAGI, Emperor of Ghizni The Mogul ACBAR, Emperor, born, 290. dynasty stablished in his person, Lylli. The glory of the hoose of Tomur, his has division of Histochan, cix & fg. pilgrimage to Agimere Acharabad, another news for Agra Acetines river (the Changeb or Jensub) Acheen head

Page Adamas river ADJIDSING Rajab, Terr. of cxviii Adjodin 81, 88 Adoni CXXXV, 205 AFGHAN or PATAN dynasty of Emperors of Hindooftan, origin of Agara of Prolemy, not Agra AGIMERE of AZMERE CXXVI, 145 Agra, 63. Table of distances from 238 AHMED SHAH, Emperor lxix ALEXANDER's expedition furnished the Greeks with the first authentic knowledge of India, xxv. Was not ignorant of the pleenomens of tides, or of the course of the Indus, when he for one, xxiii, xxiv. Saw Sappoles India to be the eastern extreme of the continent, xxvii. His some in the Penjab traced, 92 & fq. Hears, 94, 95. Fleet built, 95. Hears, 94, the

#### INDEX to THE MEMOIR.

Page	Page
the Hydaspes, &c. 96 & frq. Wounded	ASS. M, 217, 218, 219. Its c pital,
in a city near the present Toulomba, 98.	Ghergong 210
Has had too much credit for his liden	* ASSACANI - 116, 117, 119
conquells, 100. Conjettere concerring his	Affrigue - 133
fleet 102. His marches on the west of the	A series Con Y Taken
Irdus, remarks on, 117. Bridge over the	A second
Indus, 92, 121. Never saw Cashmere. zb.	Attock cits, 76, 77, 92. Supposed to be on,
Goes in quest of elephants, 127. Map of	or your the size of Tully Discourses
his marches between the Caspian sea and	or near the fite of Taxila. River, 79, 114,
	AVA dominion of our City and Discour
the Indus, 10z. His voyage from l'atta'a,	AVA, dominions of, 217. City, 226. River
down the Indus, and expectation along the	of, 39, 40, 215, 217, 219
coaft, 295. Port of Alexander, 295	Avenue of trees, 500 miles in length 69
ALLA, Emperor, attacks the Deccan xlvini	Aurungahad - 136 Ef leq.
Allahabad city, 62. Not Palibothia 51	AURUNGZEBE, or ALLUMGUIRE 1. his
ALMORAH - 232	elevation, lxi. Absent from his capital,
ALLUMGUIRE II lxxii	30 years, lxii. His revenue, lxiii. 'I'wo
Alluvions of rivers, remarks on, 176, 261	letters of his, to his fons, ib. Contosts of
E feq.	his fons, and their deicendants, for the
Alphabetum Thibetanum - 220, 223	throne, b. & Jeg.
Amboor - 18c	Ay " Acharer, or Inflitutes of Achar, compiled
AMEDNAGUR, foulth of - cxi	by Abul Fazil, cix. Translated into Eng-
Amediagur city 148	list, ib. Its latitudes and longitudes, very
Amednagur city - 148 Amedabad - 34, 37, 135 Ammercot - 91, 290	incorrect, 67. Cited, vi, 65, 67, 69, 70,
Ammercot 91, 290	71, 73, 78, 81, 82, 83, 113, 119, 135,
	147, 149, 150, 151, 152, 154, 156, 159,
Anderson, Mr. David viii, 146, 155	103, 219, 290 & Seq. 291, 295.
Anderjon, Mr. James - VIII	Azmere. See Agimere.
Angedive islands 29	AZUPH DOWLÄH. See Oudc.
Anjenga 18, 19	
A	
Ann'amally Mts 196	
	В.
Anquitel du Perron 138, 149, 173, 1-5, 180, 278, 229, 231	В.
Anquitel du Perron 138, 149, 173, 1-5, 180, 278, 229, 231	
Anquatel du Perron 138, 149, 173, 1-5, 180, 278, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, Sc xxxix & 4a.	B. ABER, Emperor, conquers Hindooftan.
Anquatel du Perron 138, 149, 173, 1-5, 180, 278, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, Sc xxxix & 4a.	BABER, Emperor, conquers Hindooftan, lvi. Wrote commentaties - 122
Anquatel du Perron 138, 149, 173, 1-5, 180, 238, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, Sc xxxix & f.q.  Antiquité Géographique de L'Inde 76, 115, 118	BABER, Emperor, conquers Hindooftan, lvi. Wrote commentaties - 122 * BACTRIA - 123, 125
Anquatel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.qq.  Antiquite Géographique de L'Inde -6, 117, 118  * Aornus Mt. 117 & feq.	BABER, Emperor, conquers Hindooftan, 1vi. Wrote commentaties - 122 * BACTRIA 123, 125 Badta, applied to the names of rivers 200
Anquatel du Perron 138, 149, 173, 1-5, 180, 2:8, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c xxxix & f.q.  Antiquité Géographique de L'Inde -6, 115, 118  * Aornus Mt 117 & feq.  * ARACHOSIA - 125	BABER, Emperor, conquers Hindooftan, 1v1. Wrote commentaties - 122 * BACTRIA 123, 125 Badta, applied to the names of rivers 206 Badrachillum 166
Anquatel du Perron 138, 149, 173, 1-5, 180, 238, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c xxxix & f.q.  Antiquité Géographique de L'Inde -6, 117, 118  * Aornus Mt 117 & feq.  * ARACHOSIA - 125  Aracan, coaft, and river - 38	BABER, Emperor, conquers Hindooftan, 1vi. Wrote commentaties - 123, 125 * BACTRIA - 123, 125 Badta, applied to the names of rivers 200 Badrachillum - 166 BAGLANA - 180
Angustel du Perron 138, 149, 173, 1-5, 180, 218, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c xxxix & f.q.  Antiquité Géographique de L'Inde -6, 113, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA  Aracan, coast, and river - 38  Aramroy - 204	BABER, Emperor, conquers Hindooftan,  lvi. Wrote commentaties - 122  * BACTRIA 123, 125  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA - 180  BAHADER SHAH, Emperor 1xiv
Angustel du Perron 138, 149, 173, 1-5, 180, 2.8, 220, 231 ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q. Antiquité Géographique de L'Inde -6, 113, 118 * Aornus Mt. 117 & feq. * ARACHOSIA Aracan, coast, and river 38 Aramroy 294 ARCOT, NABOB of, his territories and	BABER, Emperor, conquers Hindooftan, lvi. Wrote commentaties 122, * BACTRIA 123, 125 Badta, applied to the names of rivers 206 Badrachillum 166 BAGLANA 180 BAHADER SHAH, Emperor 121 BAHAR, foubah of CX
Angustel du Perron 138, 149, 173, 1-5, 180, 2:8, 229, 231 ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q. Antiquité Géographique de L'Inde -6, 112, 118 * Aornus Mt. 117 & feq. * ARACHOSIA 125 Aracan, coaft, and river 284 Aramroy 294 ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to	BABER, Emperor, conquers Hindooftan,  lvi. Wrote commentaties - 123, 125  * BACTRIA 123, 125  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 181  BAHAR, foubah of - CK  Bahbelgong 134, 138
Angustel du Perron 138, 149, 173, 1-5, 180, 218, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q.  Antiquité Géographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coaft, and river 38  Aramroy 294  ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East India Company, exiv. An Ally	BABER, Emperor, conquers Hindooftan,  1v1. Wrote commentaties 123, 125  * BACTRIA 123, 125  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 1xiv  BAHAR, foubah of CK  Bahbelgong 134, 138  Bain river - 107 Jeq.
Angustel du Perron 138, 149, 173, 1-5, 180, 2.28, 229, 231 ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q. Antiquité Géographique de L'Inde -6, 113, 118 * Aornus Mt. 117 & feq. * ARACHOSIA 125 Aracan, coaft, and river 38 Aramroy 294 ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East india Company, exiv. An Ally of the British exxxvi	BABER, Emperor, conquers Hindooftan,  1v1. Wrote commentaties 123, 125  * BACTRIA 123, 125  Badta, applied to the names of rivers 206  BAGLANA 166  BAGLANA 180  BAHADER SHAH, Emperor 180  BAHAR, foubah of 180  BAHAR, fou
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q.  Antiquité Géographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coaft, and river 38  Aramroy 294  ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East India Company, exiv. An Ally of the British exxxvi  Arcot, city of 185	BABER, Emperor, conquers Hindooftan, 1v1. Wrote commentaties 122, 125  * BACTRIA 123, 125  Badta, applied to the names of rivers 206  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 181  BAHAR, foubah of 134, 138  Bain river 167 5/egg  Baker, Capt. George 40, 216, 217, 218  BALAGAΓ, Caxvii. A province of the
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q.  Antiquité Géographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coaft, and river 38  Aramroy 294  ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East India Company, exiv. An Ally of the British exxxvi  Arcot, city of 185	BABER, Emperor, conquers Hindooftan,  1v1. Wrote commentaties 122, 125  * BACTRIA 123, 125  Badta, applied to the names of rivers 206  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 181  BAHAR, foubah of cx  Bahbelgong 134, 138  Bain river 167 5 feq.  Baker, Capt. George 40, 216, 217, 218  BALAGAΓ, cxxvii. A province of the Deccan.
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.eq. Antiquité Géographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coak, and river 38  Aramroy  ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East india Company, exiv. An Ally of the British  Area, or Areek - 185  * ARIA, or ARIANA 125	BABER, Emperor, conquers Hindooftan, 1v1. Wrote commentaties 122, 125  * BACTRIA 123, 125  Badta, applied to the names of rivers 206  BAGLANA 166  BAHADER SHAH, Emperor 180  BAHAR, foubah of 134, 138  Bain river 167 5/29,  Baker, Capt. George 40, 216, 217, 218  BALAGAΓ, CARVII. A province of the Decean.  Balafore
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.eq. Antiquité Géographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coak, and river 38  Aramroy ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East india Company, exiv. An Ally of the British 20xxxvi  Area, or Areak 173  * ARIA, or ARIANA 125  Arinkill of Ferishta, the same as Warangole	BABER, Emperor, conquers Hindooftan, 1v1. Wrote commentaties * BACTRIA 123, 125 Badta, applied to the names of rivers BAGLANA BAHADER SHAH, Emperor BAHAR, foubah of BAHAR, foubah of Bahbelgong Bain river Bahker, Capt. George BALAGAΓ, Caxvii. A province of the Deccan. Balafore BALK 124, 125
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.eq.  Antiquate Geographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coaft, and river 38  Aramroy -294  AROOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East india Company, exiv. An Ally of the British exxxvi  Arcot, city of -185  Areg, or Arcek 173  * ARIA, or ARIANA 125  Arinkill of Ferishta, the same as Warangole exi, 169	BABER, Emperor, conquers Hindooftan,  lvi. Wrote commentaties 122,  BACTRIA 123, 125  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 1xiv  BAHAR, foubah of cx  Bahbelgong 134, 138  Bain river 167 Jeg.  Baker, Capt. George 40, 216, 217, 218  BALAGAF, Caxvii. A province of the Deccan.  Balafore 9  BALK 124, 125  Balla-Gant - 200
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.eq.  Antiquate Geographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coaft, and river 38  Aramroy 294  AROOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East india Company, exiv. An Ally of the British exxxvi  Arcot, city of 185  Areg, or Arcek 173  * ARIA, or ARIANA 125  AROKHAGE  AROKHAGE	BABER, Emperor, conquers Hindooftan,  1v1. Wrote commentaties 122,  * BACTRIA 123, 125  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 181  BAHAR, foubah of cx  Bahbelgong 134, 138  Bain river 167 1969.  Baker, Capt. George 40, 216, 217, 218  BALAGAΓ, cxxvii. A province of the Deccan.  Balafore 9  BALK  Balla-Gant 5  BALLOGES, a nation or people cxx
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. — xxxix & f.q. Antiquité Géographique de L'Inde -6, 113, 118  * Aornus Mt. — 117 & feq. 125  * ARACHOSIA — 125  Aracan, coaft, and river — 38  Aramroy — 294  ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East india Company, exiv. An Ally of the British — exxxvi Areot, city of — 185  Areg, or Arcek — 173  * ARIA, or ARIANA — 125  Arinkill of Ferishta, the same as Warangole exi, 169  AROKHAGE Arnaul island	BABER, Emperor, conquers Hindooftan,  1v1. Wrote commentaties 122,  * BACTRIA 123, 125,  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 181  BAHAR, foubah of cx  Bahbelgong 134, 138  Bain river 167 1969.  BALLOGISTAN, Little 226, 217, 218  BALLOGISTAN, Little 226, 218  CXX
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q. Antiquité Géographique de L'Inde -6, 113, 118  * Aornus Mr. 117 & feq.  * ARACHOSIA 125  Aracan, coaft, and river 38  Aramroy 294  ARCOY, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East india Company, exiv. An Ally of the British exxxvi  Arcot, city of 185  Areg, or Arcek 173  * ARIA, or ARIANA 125  Arinkill of Ferishta, the same as Warangole exi, 169  AROKHAGE Arnaul island 33  Arrian, his account of the dimensions of India,	BABER, Emperor, conquers Hindooftan,  lvi. Wrote commentaties 122  * BACTRIA 123, 125  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 181  BAHAR, foubah of cx  Bahbelgong 134, 138  Bain river 167 Jeq.  BALAGAI, cxxvii. A province of the Deccan.  Balafore 9  BALK 124, 125  Balla-Gant cxxvi  BALLOGISTAN, Little 16.  Bancapour-Sanore 171
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q. Antiquité Géographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coaft, and river 284  Aramroy 294  ARCOY, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East india Company, exiv. An Ally of the British exxxvi  Arcot, city of 185  Areg, or Arcek 173  * ARIA, or ARIANA 125  Arinkill of Ferishta, the same as Warangole exi, 169  AROKHAGE Arnaul island 33  Arrian, his account of the dimensions of India, xxvi. His Indian history, merit of, xxviii,	BABER, Emperor, conquers Hindooftan,  lvi. Wrote commentaties 122  * BACTRIA 123, 125  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 181  BAHAR, foubah of cx  Bahbelgong 134, 138  Bain river 167 Jeg.  Baker, Capt. George 40, 216, 217, 218  BALAGAF, caxvii. A province of the Deccan.  Balafore 9  BALK 124, 125  Balla-Gant 24, 125  BALLOGISTAN, Little 26  Bancapour-Sanote 171  Bandoogur 158
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q. Antiquité Géographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coaft, and river 284  Aramroy 294  ARCOY, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East india Company, exiv. An Ally of the British exxxvi  Arcot, city of 185  Areg, or Arcek 173  * ARIA, or ARIANA 125  Arinkill of Ferishta, the same as Warangole exi, 169  AROKHAGE Arnaul island 33  Arrian, his account of the dimensions of India, xxvi. His Indian history, merit of, xxviii, xxix. Cited, xxiv, xxvii, xxx, xxxiii, 54,	BABER, Emperor, conquers Hindooftan,  1v1. Wrote commentaties 122,  * BACTRIA 123, 125,  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 181  BAHAR, foubah of 180  BAHAR, foubah of 181  Bahbelgong 134, 138  Bain river 167 Jeg.  Baker, Capt. George 40, 216, 217, 218  BALAGAΓ, Caxvii. A province of the Deccan.  Balafore 9  BALK 125,  Balla-Gant 224, 125  BALLOGES, a nation or people 124, 125  BALLOGISTAN, Little 166  Bancapour-Sanote 171  Bandoogur 158  Bandoogur 158  Bangalore 187, 188
Angustel du Perron 138, 149, 173, 1-5, 180, 218, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q. Antiquité Géographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coak, and river 38  Aramroy 294  ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East India Company, exiv. An Ally of the British exxxvi  Arcot, city of 185  Areg, or Arcek 173  * ARIA, or ARIANA 125  Arinkill of Ferishta, the same as Warangole exi, 169  AROKHAGE Arnaul island 472  Arrian, his account of the dimensions of India, xxvi. His Indian history, merit of, xxviii, xxix. Cited, xxiv, xxvii, xxx, xxxiii, 54, 78, 93, 94, 95, 98, 99, 101, 108, 114,	BABER, Emperor, conquers Hindooftan,  1v1. Wrote commentaties 122,  * BACTRIA 123, 125,  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 181  BAHAR, foubah of 180  BAHAR, foubah of 180  Bahbelgong 134, 138  Bain river 167 5/eq.  Baker, Capt. George 40, 216, 217, 218  BALAGAΓ, Caxvii. A province of the Deccan.  Balafore 9  BALK 125,  Balla-Gant 224, 125,  BALLOGISTAN, Little 26.  Bancapour-Sanote 171  Bandoogur 158  Banks, Sir Joseph 31
Angustel du Perron 138, 149, 173, 1-5, 180, 218, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q. Antiquite Geographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coaft, and river 38  Aramroy 294  ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East india Company, exiv. An Ally of the British exxxvi  Arcot, city of 185  Areg, or Arcek 173  * ARIA, or ARIANA 125  Arinkill of Ferishta, the same as Warangole exi, 169  AROKHAGE Arnaul island Arrian, his account of the dimensions of India, xxvi. His Indian history, merit of, xxviii, xxix. Cited, xxiv, xxvii, xxx, xxxiii, 54, 78, 93, 94, 95, 98, 99, 101, 108, 115, 117, 121, 287, 295	BABER, Emperor, conquers Hindooftan, lvi. Wrote commentaties 122, 125, 125, 125, 125, 125, 125, 125,
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, Sc. xxxix & f.q.  Antiquue Geographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coak, and river 38  Aramroy 294  AROOT, NABOB of, his territories and revenue exxxvi & f.q. Pays a subsidy to the East india Company, exiv. An Ally of the British 2xxvi  Arcot, city of 185  Areg, or Arcek 173  * ARIA, or ARIANA 125  Arinkill of Ferishta, the same as Warangole exi, 169  AROKHAGE  Arnaul island 33  Arram, his account of the dimensions of India, xxvi. His Indian history, merit of, xxvii, xxv. Cited, xxiv, xxvii, xxx, xxxiii, 54, 78, 93, 94, 95, 98, 99, 101, 108, 115, 117, 121, 227, 295  Assatics, give the same names to countries	BABER, Emperor, conquers Hindooftan,  1v1. Wrote commentaties  * BACTRIA  Badta, applied to the names of rivers  Badrachillum  BAGLANA  BAHADER SHAH, Emperor  BAHAR, foubah of  BALAGAΓ, caxvii. A province of the  Deccan.  Balafore  BALK  BALAGAF, caxvii. A province of the  Deccan.  BALLOGES, a nation or people  CXX  BALLOGISTAN, Little  Bancapour-Sanote  Bandoogur  Bangalore  Bangalore  Banks, Sir Joseph  Barker, Sir Robert  Barker, Mr.
Angustel du Perron  138, 149, 173, 1-5,  180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, S.c. xxxix & f.q.  Antiquité Géographique de L'Inde -6, 112, 118  * Aornus Mr. 117 & feq.  * ARACHOSIA 125  Aracan, coak, and river 38  Aramroy 294  ARCOT, NABOB of, his territories and revenue exxxvi & feq. Pays a subsidy to the East India Company, exiv. An Ally of the British exxxvi  Arcot, city of 185  Areg, or Arcek 173  * ARIA, or ARIANA 125  Arinkill of Ferishta, the same as Warangole exi, 169  AROKHAGE Arnaul island Arrian, his account of the dimensions of India, xxvi. His Indian history, merit of, xxviii, xxix. Cited, xxiv, xxvii, xxx, xxxiii, 54, 78, 93, 94, 95, 98, 99, 101, 108, 115, 117, 121, 287, 295  Assatics, give the same names to countries that lie on both sides of any capital river	BABER, Emperor, conquers Hindooftan,  lvi. Wrote commentaties 122  * BACTRIA 123, 125  Badta, applied to the names of rivers 200  Badrachillum 166  BAGLANA 180  BAHADER SHAH, Emperor 181  BAHADER SHAH, Emperor 181  Bahbelgong 134, 138  Bain river 167 Jeg.  Baker, Capt. George 40, 216, 217, 218  BALAGAF, Caxvii. A province of the Deccan.  Balafore 9  BALK 124, 125  Balla-Gant 224, 125  Balla-Gant 124, 125  Balla-Gant 125  Balla-Gant 124, 125  Balla-Gant 124, 125  Balla-Gant 125  Ball
Angustel du Perron 138, 149, 173, 1-5, 180, 228, 229, 231  ANTHROPOPHAGI in the islands, in the bay of Bengal, Sc. xxxix & f.q.  Antiquue Geographique de L'Inde -6, 112, 118  * Aornus Mt. 117 & feq.  * ARACHOSIA 125  Aracan, coak, and river 38  Aramroy 294  AROOT, NABOB of, his territories and revenue exxxvi & f.q. Pays a subsidy to the East india Company, exiv. An Ally of the British 2xxvi  Arcot, city of 185  Areg, or Arcek 173  * ARIA, or ARIANA 125  Arinkill of Ferishta, the same as Warangole exi, 169  AROKHAGE  Arnaul island 33  Arram, his account of the dimensions of India, xxvi. His Indian history, merit of, xxvii, xxv. Cited, xxiv, xxvii, xxx, xxxiii, 54, 78, 93, 94, 95, 98, 99, 101, 108, 115, 117, 121, 227, 295  Assatics, give the same names to countries	BABER, Emperor, conquers Hindooftan,  1v1. Wrote commentaties  * BACTRIA  Badta, applied to the names of rivers  Badrachillum  BAGLANA  BAHADER SHAH, Emperor  BAHAR, foubah of  BALAGAΓ, caxvii. A province of the  Deccan.  Balafore  BALK  BALAGAF, caxvii. A province of the  Deccan.  BALLOGES, a nation or people  CXX  BALLOGISTAN, Little  Bancapour-Sanote  Bandoogur  Bangalore  Bangalore  Banks, Sir Joseph  Barker, Sir Robert  Barker, Mr.

Page	Page
Paronthala, a name of Laska 4 226	Bijinagur, the proper name of Bisnagur.
BARRAMAUL, valley of - 191	See Bitnag.ir.
Passen - 32	Bijore, the ancient Bazira - 117
B.t 204	BILSAH 155, 156
Ba nir, or Batterize - 88, 80	! is foag or city founded, liii. Position of, 211
Little, a great many fought on the plains of	Biten or Beton, his geogr phy of Alexander a
Pagripul and Caramit - lixit, 62	marches, quoted by Phny - xxxi
Boules of the Forch and English with the	Black pagoda - 296
natives of local gold with a very small	Boad - 162
brobertion of tratebeau froods xca	BOGILLANA. See BAGLANA.
Bazaur, on the lidu: 2 88	Bogle, Mr. George 221, 222
BAZZLET JUNG, Inte - cxvavi	Bombay, 31. Tables of distances from 240
Bazaer, on the findu = 88  BAZEALET JUNG, Inte = 00000000000000000000000000000000000	Bomrauzepollam - 204
Beder - 170	BONSOLA, or BOONSLAH, the family
BEDMORE, or BIDDANORE xcvi,	name of the Rajahs of Beiar lxxx
CXXXVIII	Boorley-boorle 204
* E duft, arrent Hindor name of the Hy-	BOOTAN, a feudatory of Thibet, 221.
dasper river, or modern Chelum 82	Mountains, vail height of - 222
Bremah, a facred river Behker, or Bhakor, Behut, or Chelum river Reiragus	Bonal ol - 122
Behker, or Bhakor, - 80, 289, 290	Bore - xxiv, 273
Beaut, or Chelum river - 8z, 95	Bore xxiv, 273 lioudier, Cloud - cxxiii, 66, 75
Beiragur - 163	Bramins, or Brachmins, burn themselves of
Behut, or Chelum river - 8z, 95 Beiragur - 163 Beja; our, or Vifiapour - 172 BEMBA EE, Teris. of - CXXX	BRIFISH POSSESSICNS in Hindooftan,
BEMBA EE, Teris. of - CXXX	extent, population, and revenues of, exist
BENARES, province of, acquired by the	E jej. and - cyxxvii
British, c. Reven es of, exiv, exvi. City, 62. Tables of distances from 230	BRITISH NATION, or its representative
BLNG M. humily fine and with a fine	in India, the East India Company, con-
BLNG.M., happily flusted with respect to its security from foreign attacks, cxv. Re-	queits of, with the with
venues, extent, and population of, chii &	Hyder Ally, and the Nizam of the Dec-
sig. Invaded by the Mahrattas, xxxvi.	can, xevi, &c. With the Mahrattas, c.
Merit of its Governors, in the conduct of	Allies in India, the Nabobs of Onde, and
the Carnatic, &c. wars, civ. Its provinces	the Carnatic - cxiii, cxiv
obtained by the East Inclia Company, un-	British Channel, no good chart of, existing vii
der circumstances part cularly favourable,	D 7# ' 7#2 77:
c/. In a better state than the rest of India	* Rusophalia
cvi	DITCH ADTA
Rengalia	Bullaninaur
Engley, Mr viii, 76, 152	BUNDELA or BUNDELCUND exvii, 156
Beraisen - 72	Burhanpour - 33, 129, 130
BERAR, foubah of _ cx	Burhanpour - 33, 129, 130 BURMAH - 217, 218
BERAR RAJAH, MOODAJEE BOON-	Burrampooter river, the fame with the San-
SLAH, territories of, cxxix. Holds Oriffa,	poo river of Thibet, 275. General course
which separates the British possessions in	of, 275, 276. Unknown in Europe as a
Bengal, from the northern circars, ib.	capital river, until the year 1765, 276.
Great extent of his dominions, cxxx. Re-	Vall breadth of - 277
venue, ib. A descendant of Sevajee ib.	Burrampooter, and Ganges rivers, a remark-
Bernoull, M v, 227	able circumstance attending their courses,
Bernier, M (6, 104, 105	in respect to each other - 234
Berelliy - 63	Buffy, M. the geography of his marches the
Boyah R. (ancient Hyphasis) 82, 94, 95	only remaining monument of the power of
Beypasha R. ancient Hindoo name of the	the French, in the Deccan, 171. Great
Beyah, or Hypholic	advantages arising to geography, from, ib.
Bezoara, or Buzwarah	Map of his murches, cited, 136, 137, 140,
Bhakor. See Behker.	141, 171, 175, 204, 207
BHARATA, the Sankrit name of Hindeo-	Betlais, or Puddar river
fian XX BICKANERE CXXIII	Buzwarah. See Bezoara.
BICKANEKE - CXXIII	CABUL,
	€MBUL <sub>3</sub> .

_	Page
C,	thens, th. The valley of Cashmere, origi-
Page	nally a lake - 107
CABUL, province of 112. City of, the ca-	* CAŠIA 110
pital of the kingdom of Candahar, 111.	Catheart, Hon. Cclonel - 194, 198
Esteemed the gate of India, towards Tar-	* CATHERI of Diodoras Siculus, the Kut-
tary ib.	
Cadiapatam Point - 17	Commandia
Caggar Frederick 172, 175, 202, 211, 212 Caggar river 271, 72, 204	CATRY tilbe of Thevenot, the Catheri of Diodorus
Caggar river 2 71, 72, 294. Caillaud, General 202, 203	
Calastri - 203	Cattack, 11. Importance of its position caxx
	Cauvery river, or Cavery - 195
Calcutta, geographical position of, 8 Ac-	Caveripatam - 190
count of, 58. Its citadel, 59. Table of	* Caucasus, Indian, 222. Mistakes about
distances from 241, 242	123, 125
Calicot 27	CEYLON island, 43 & feq. Its figure doubt-
Calini river 51, 54	ful 44
Calinipaxa - 51, 54	Chandernagore - 59
Gall, Col. Juhn 16, 195	Chandegheri, or Kandegheri - 203
Gall, Col. Thomas - 142, 145, 152	Chanda - 170
Callander, Mr. viii, xxiv	Chander - 134
Calpy - 130, 131	Chamiltonia (1)
Calymere Point - 15	Change
Camac, Col. Jacob 137, 144, 146, 154	Chauman aire
155, 156, 160, 162, 168	Champion
Cambay, city of, 35. The port of Ameda-	CITT' D. A. S. A.
	* CHATAE
	CHATEESGUR, one of the names of the
Cameron, Mr. 131, 155	Ruttunpour province. See Ruttunpour.
CAMHI, Emperor of China, 227, 230, 234.	CHEEN, or MAHA CHEEN, the Hindoo
Sends persons to discover the springs of	name of China 110
the Ganges 23+	Chestore, 153. First taken by the Mahome-
Campbell, Capt 11	dans - 1ii
Canal of FEROSE III 72. 73	Chevalier, M 217, 219
CANDAHAR, King of, (TIMUR SHAH,	Chelum, or Behat river (the Hyda fes) 82,95
fon and successor of ABDALLA) his king-	Chilka lake
dom founded by Abdalla, exxiii. Further	Chillambrum - 12
account of, 112, 113. The country of	CHINA, its comparative vicinity to Bengal,
Sindy, tributary to him cxxiv, 291	
Candahar, city, 112, 113. The gate of	
India towards Persia, 111. Supposed to	Chinaputton Chinele travellers embark on the Nou Kian,
be the Paropamifan Alexandria 113	ON ANN DIVING
Canoul - 206	Chinankalakanam
Canama	Chinabalabaram - 201, 202
Canada	Chinfurah 50
CARNATIC, anciently included the whole	Chitteldroog - 189, 212
neninfile fresh of the F.A. time	Chittigong - 38
peninfula fouth of the Kistna river, exxxvii.	Chitwa
Extent and revenues of, 16. Inconvenient	CHOROMANDEL. See Coromandel.
form, confidered with respect to its defence,	Caronological Table of Emperors cxli
ib. Van number of fortredes, in 195	Chunaub river, or Jenaub (the Acefines) 82
Carnatic Gur	
Carnawl, 70, 72. A place of battles, laxiv,	Chunagur or Junagur (in Guzerat) 93, 95
62	CIRCARS, NORTHERN CONTROLS
Carter, Gapte - 122	
Carwar 20	fituated in respect of Bengal and Madras,
CASHGUR MACATINE . TO	CYYYU. Revenue of -1 Committee
CASHMERE, position of, co. Account of	cxxxv. Revenues of, 16. Geographical
104. & Jeg. Shawls manniachured there,	confirmation of, 165, 166. Obtained by,
106. Has a breed of theen that carry but-	the French from the Nizam of the Descan
" Mark 18 18 18 m man an man with maked safe of the fifth	Ixxi. Conquered by the British
	Cir-

Page	
Circar, definition of cx	D.
Cheve, Lord, xci, xciii, xciv, xcv, 59, 185	· · · · · · · · · · · · · · · · · · ·
* Clifchaus	Page
# 4 \ 1 TY	Dacca, city, 61. An extraordinary large
	cannon there - ib.
Cochin, 22. Lakes - 21	* DAHÆ
Coimbettore - 196, 197	
Colouring of the MAP of HINDOOSTAN,	Dalmacherry - 123, 125
nanana af	Delamila M
Coleman simon	Dalrymple, Mr. ix, 17, 18, 19, 20, 28, 30,
	31, 36, 37, 38, 39, 40, 45, 149, 167, 170,
Colour, or Coloor _ 210	175, 191, 194, 195, 212
Combam, or Commum - 205	DANDEISH, one of the names of the fou-
COMIS - 123	bah of Candeish - cviii
Comorin, Cape - 17 & feq.	
CONTRACT T	D' Anville, M. x, 6, 7, 13, 14, 19, 36, 38,
	39, 43, 44, 46, 52, 72, 75, 79, 80, 82,
Cond, or Kond, a termination fignifying	91, 113, 114, 122, 123, 124, 138, 140,
fortrefs 142	141, 147, 150, 193, 194, 196, 202, 204,
Condanore - 207	20/, 209, 210, 212, 215, 218, 220, 230,
Condavir - 210	231, 275, 276, 292, 294
Conflux of the Hydaspes, and Acesimes (Chelum,	
and Chunaub) turbulent and dangerous	
	D' dames of the Panjab rivers - 82
Confederate of the mineral Plans	D'Apres, M. x, 13, 20, 36, 39, 40, 42, 44,
Confederacy of the principal Powers of Hin-	<b></b> 46
dooftan, against the British, in 1780 cili	Darempoury - LOI
Conghé lake 230	DARIUS LYSTASPES, explores the Indus,
Conquells of Europeans in Hindooftan, &c.	xxii. Renders the western parts of India
xc. Impolicy of profecuting, by the Bri-	tributary to Persia - xxiii, 108
tith - cv	Daviron
<i>8</i> . 1 · . 1#	Daniel Co. II
Comment Comment of the France of	Davis, Capt 175, 208, 210
Cocte, Sir Eyre, xci, ci, cii. 184, 186	D'Auvergne, Lieut. 25
Care Paulon on Cook Poulon	Davy, Major
Coos-Beyhar, or Cooch-Beyhar 221	Days journey in Hindoossan, length of 207,
* Cophenes river - 115, 120, 121	237
CORAH provinces - 63	Debaipour - 72, 73, 90
COROM INDEL coast, authorities for the	DECCAN, geographical definition of, xix,
geography of, 12, 19. Has no port for	cvii. Its history more obscure than that
large thips - 184	of Hindooffen will Ping in what had
O. C. T.	of Hindoostan, xliii. First invaded by the
4) 6	Mahomedans in 1293, li. A stumbling
Cofa river, or Kofs 224	block to the Emperors of Hindooftan, lix.
Coss, an itinerary measure, 4 & feq. A term	Becomes independent of Delhi, lxviii. Its
of high antiquity - 7	history written by Ferishta, and may be
Cossimbazar 60	foon expected to appear in English, Ixxix.
Cotsford, Mr 10	Decran, fignifies the South, cxii Most
Coveripatam. See Caveripatam.	of it to Gotton by the Makes the second
	of it possessed by the Mahrattas conv. cocvii
	DECCAN, SOUBAH of, NIZAM ALLY,
Cridland, Lient 11, 165	his Terrs. and revenues cxxxv, cxxxvi
* Crocala + 295	Delafield, Capt 20
Croix, Petits de la - 71, 89	Delhi, 65, 66. Table of distances from 243
Croschey - 205	Dellamcotta - 222
Cuddatah . 202	Delta of the Ganges, 266. Of the Indus,
Coddalore - 13, 199	27. 287. Of the Ave or Peak the
Codamination	5/7/- Of mile rayer, or 1 each river, 30,
Cumming, Cari, Essivare	37, 287. Of the Ava, or Peouriver, 39, 217. Of rivers in general 176.
Cumming, Carl. Educated 2223, 86, 74, 65	
Curtius, Quintus	
	Designe (Descharibat)
CUTCH, 292. A rugged country, Exxiv.	"有关"。"是我们的是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	"有关"。"是我们的是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
Little Cutch  CUTTUB, Emperor, former of the Paran	"有关"。"是我们的是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
- 「東京は東、 AME、ACKELLE」 しんがわてているがいたり、60分割等に関する。	Deopte of Deopte (in Negpour, or Godel-

Page	<b></b>
DESERT of Banir, 89, 95. Of Agimere,	<b>F.</b>
or REGISTAN - xxii, 289	Page .
Devicottah 14	Former, Mr 148, 170
Diomond mines, Panna or Puina, 155. Bei-	Farfang of Persia, what - 122
Diomond mines, randa of randa, 155. Der	FEROSE III. his publick works liv, 72, 73
ragur, 163. Raolconda, 174. Colour,	
210. Gandicotta - 202	Feroleabad - 73
Dilla Mount 22	Ferista, writes a history of Hindoostan,
Dicdorus Siculus, xxxi, 78, 93, 94, 95, 98,	which is translated by Col Dow, xli. His
153	history of the Deccan not published in any
Diu island - 2 36	European language, lxvix. Cited from his
	history of Hindcostan, 54, 55, 72, 73, 79,
Dobygur - 195	85, 149, 211
DOOAB, explanation of the term of cxvi	EFPONSEDE Emperor lyvi Grante por
Dond R 83, 89	FEROKSERE, Emperor, Ixvi. Grants par-
Douloo-Sagur - 231	ticular privileges to the English East India
Doupar, or Deopad - 208, 209	Company - ib.
Doupar, or Deopad 208, 209 Dow, Col xli, xlii, lii, exxxiv	FIZOOLA CAWN, his Terrs cvii
DOWLATABAD, soubah of, exi. Fortress	Forster, Mr. George, his route from India to
of cxi, 139	the Caspian sea, 103 & Jeg. Cited, exviii,
Drummond, Capt 28	82, 50, 103, 104, 105, 107, 108, 115,
the summitted and and	119, 122. Map of his route, &c. at page
20.74	102
Du Halde, P. 217, 219, 220, 222, 227, 228,	Fort William. See Calcutta.
230, 275, 276	
Dundas, Capt 18, 45	Fort St. George. See Madras.
Du Val, P 172, 174	Fraser, Mr cix, cxii, e2
,	FRENCH NATION, conquests of, in Hin-
E.	dooftan, xc. Will probably enjoy more
	advantages in the Carnatic, under Maho-
EAST INDIA COMPANY, a greater in-	med Ally, than if Tippoo possessed it, ci.
perium in imperio, than, perhaps, ever before	Can effect nothing without a territorial
partitude the importory that is postabled or or a	
existed, cxv. Military establishment, and	_
amount of their fales, ib. Their revenue	Fryer 172, 174
amount of their fales, ib. Their revenue in India - cxiv	Fryer 172, 174 Fullarton, Col. his marches in the fouthern
amount of their fales, ib. Their revenue in India - cxiv  Eclaircissemens Géographiques sur la Carte de	Fryer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geogra-
amount of their fales, ib. Their revenue in India cxiv  Eclairciffemens Géographiques fur la Carte de L'Inde 7, 115, 118, 292, 294	Fryer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196
amount of their fales, ib. Their revenue in India - cxiv  Eclaircissemens Géographiques sur la Carte de	Fryer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory exvii
amount of their fales, ib. Their revenue in India cxiv  Eclairciffemens Géographiques fur la Carte de L'Inde 7, 115, 118, 292, 294  Rgyptians trade to India xxxv	Fryer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory exvii
amount of their fales, ib. Their revenue in India cxiv  Eclairciffemens Géographiques fur la Carte de L'Inde 7, 115, 118, 292, 294  Rgyptians trade to India xxxv  Elevated plain, in Coimbettore 197	Fryer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196
amount of their fales, ib. Their revenue in India cxiv  Eclairciffemens Géographiques fur la Carte de L'Inde 7, 115, 118, 292, 294  Rgyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32	Fryer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory cxvii FUTTT SING GWICUAIR cxxv, cxvvi
amount of their fales, ib. Their revenue in India cxiv  Eclaircissens Géographiques sur la Carta de Elinde 7, 115, 118, 292, 294.  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Eline HTOUR, province of 159. Implied	Fryer  172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii  FUTTY SING GWICULIR cxxv, cxvvi  F, zabad
amount of their fales, ib. Their revenue in India cxiv  Eclaircissens Géographiques sur la Carta de Elinde 7, 115, 118, 292, 294.  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Eline HTOUR, province of 159. Implied	Fryer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory cxvii FUTTT SING GWICUAIR cxxv, cxvvi
amount of their fales, ib. Their revenue in India cxiv  Etlaircissens Géographiques sur la Carta de L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Elivativo III OUR, province of, 159. Implied the mage cxxx, cxxv; it being the wintern past of BERAR.	Fryer  172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii  FUTTY SING GWICULIR cxxv, cxvvi  F, zabad
amount of their fales, ib. Their revenue in India cxiv  Eclaircissemens Géographiques sur la Carte de Elnde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Elistic House, province of, 159. Implied als in page cxxx, extry; it being the wintern part of BRAR.  Elistipour, city 159	Fryer  172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory  FUTTY SING GWICUAR  CANV, CANVI  Fyzabad  G.
amount of their fales, ib. Their revenue in India cxiv  Edaircissemens Géographiques sur la Carta de L'Inde 7, 115, 118, 292, 294  Rgyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  APPLICATIOUR, province of, 159. Implied whitein part of BERAR.  Ellicity Mr. elogium on 159  Elliot, Mr. elogium on 161, 162	Fryer  172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii  FUTTY SING GWICUAIR cxxv, cxxvi  F, zabad 0;  G.  G.
amount of their fales, ib. Their revenue in India cxiv  Eclaircissemens Géographiques sur la Carte de L'Inde 7, 115, 118, 292, 294  Rgyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Elification page cxxx, cxxxv; it being the western past of BERAR.  Elicipour, city 159  Ellior, Mr. elogium on 161, 162  Ellore 140, 141	Fryer  172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii  FUTTY SING GWICUAR cxxv, cxvvi  F, zabad  G.  G.  Gagafmira  Galgala  145  Galgala
amount of their fales, ib. Their revenue in India cxiv  Eclaircissemens Géographiques sur la Carte de  L'Inde 7, 115, 118, 202, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elevated plain, in Coimbettore 197  Elevated plain, province of, 159. Implied  Eliscipour, city 159  Ellior, Mr. elogium on 161, 162  Ellore 140, 141  Elora, temples of, or pagodas 32, 140	Fryer  172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii  FUTTY SING GWICUAR cxxv, cxvvi  F, zabad  G.  Gagasmira  Galgala  Galgala  Galle, or Pt. de Galle  48 & fiq.
amount of their fales, ib. Their revenue in India cxiv  Eclaircissemens Géographiques sur la Carte de L'Inde 7, 115, 118, 292, 294  Rgyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Elification page cxxx, cxxxv; it being the western past of BERAR.  Elicipour, city 159  Ellior, Mr. elogium on 161, 162  Ellore 140, 141	Fryer 172, 174 Füllarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory cxvii FUTT SING GWICUAR cxxv, cxvvi Fyzabad 63  G.  *Gagaímira 145 Galgala 212 Galle, or Pt. de Galle 48 & fig. Gandicotta, fortress and diamond mine 202
amount of their fales, ib. Their revenue in India cxiv  Eclaircissemens Géographiques sur la Carte de L'Inde 7, 115, 118, 292, 294  Rgyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elevated plain, in Coimbettore 197  Elevated plain, province of, 159. Implied 197  Ellist CHIPOUR, province of, 159. Implied 198  Ellichpour, city 159  Ellichpour, city 159  Ellior, Mr. elogium on 161, 162  Elora, temples of, or pagodas 32, 140  Embolima 119	Fryer 172, 174 Füllarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory cxvii FUTT SING GWICUAR cxxv, cxvvi Fyzabad 63  G.  *Gagaímira 145 Galgala 212 Galle, or Pt. de Galle 48 & fig. Gandicotta, fortress and diamond mine 202
amount of their fales, ib. Their revenue in India cxiv  Eclaircissems Géographiques sur la Carte de  L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island  Etilicipour, city 159  Ellior, Mr. elogium on 161, 162  Ellore 140, 141  Elora, temples of, or pagodas 32, 140  Embolima 119  Emodus Mts. 95, 222	Figer 172, 174 Füllarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory cxvii FUTTY SING GWICUAIR cxxv, cxvvi Fyzabad 63  G.  *Gagaímira 145 Galgala 212 Galle, or Pt. de Galle 48 & fiq. Gandicotta, fortress and diamond mine 202 Ganga, or Gonga, an appellative of siver.
amount of their fales, ib. Their revenue in India cxiv  Eclaircissemens Géographiques sur la Carte de  L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elevated plain, province of, 159. Implied with in page cxxx, cxxxv; at being the wiferin part of BER AR.  Ellicipour, city 159  Ellior, Mr. elogium on 161, 162  Ellore 140, 141  Elora, temples of, or pagodas 32, 140  Embolima 119  Emodus Mts. 95, 222	Fryer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory cxvii FUTTT SING GWICULIR cxxv, cxvvi F, zabad 63  G.  Gagaímira 145 Galgala 212 Galle, or Pt. de Galle 48 & fiq. Gandicotta, fortress and diamond mine 202 Ganga, or Gonga, an appellative of siver, whence Ganges 206, 255
amount of their fales, ib. Their revenue in India cxiv  Etlaircissens Géographiques sur la Carta de L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Elizimitation 32  Elizimitation 32  Elizimitation page cxxx, carty; it being the western past of BERAE.  Ellicinpour, city 159  Ellior, Mr. elogium on 161, 162  Ellora, temples of, or pagodas 32, 140  Embolima 119  Emodus Mts. 95, 222  Endolarty See Indelayoy.	Fryer  172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii  FUTTT SING GWICULIR cxxv, cxvvi  F, zabad  G.  Gagasmira  Galgala  Galle, or Pt. de Galle  Gandicotta, fortress and diamond mine 202  Ganga, or Gonga, an appellative of siver, whence Ganges  206, 255  Ganges river, unknown to Herodotax xxiii.
amount of their fales, ib. Their revenue in India cxiv  Edurcissemens Géographiques sur la Carta de L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Frinchtour, province of, 159. Implied in page cxxx, cxxv; it being the wistern part of BERAR.  Ellicity Mr. elogium on 161, 162  Ellore 140, 141  Elora, temples of, or pagodas 32, 140  Emodus Mts. 95, 222  Endelayor See Indelayoy.  Endelayor See Indelayoy.  Eradu Carta, Memoirs of 121	Figer  Figer  172, 174  Fallarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii  FUTTT SING GWICULIR cxxv, cxvvi  F, zabad  G.  Gagaímira  Galgala  Galle, or Pt. de Galle  Gandicotta, fortress and diamond mine 202  Ganga, or Gonga, an appellative of siver, whence Ganges  Ganges river, unknown to Heradotas xxviix.  Sailed up, before the time of Strato, xxxiix.
amount of their fales, ib. Their revenue in India cxiv  Etlaircissens Géographiques sur la Carte de L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Elizacity OUR, province of, 159. Implied in page cxxx, cxxv; it being the wintern pair of BERAR.  Ellicipour, city 159  Ellior, Mr. elogium on 161, 162  Ellora, temples of, or pagodas 32, 140  Embolima 119  Emodus Mts. 95, 222  Endelayov. See Indelayov.  Endelayov. See Indelayov.  Eradus Colora, Memoirs of 1xiii  Eratos benes	Figer  Figer  172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii  FUTTT SING GWICULIR cxxv, cxvvi  F, zabad  Gagasmira  Galgala  Galle, or Pt. de Galle  Gandicotta, fortress and diamond mine 202  Ganga, or Gonga, an appellative of siver, whence Ganges  Ganges river, unknown to Heradotus xxvii.  Sailed up, before the time of Strabo, xxvix.  Source of, unknown till the present cen-
amount of their fales, ib. Their revenue in India cxiv  Edurcissemens Géographiques sur la Carta de L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Friw HTOUR, province of, 159. Implied in page cxxx, cxxv; it being the wistern part of BERAR.  Ellicity Mr. elogium on 161, 162  Ellore 140, 141  Elora, temples of, or pagodas 32, 140  Emodus Mts. 95, 222  Emicharor See Indelavoy.  Eracus Comm, Memoirs of 121  E	Figer  172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory exvii FUTTY SING GWICUAIR caxv, exvvi F, zabad of Galgala calle, or Pt. de Galle 48 & fig. Gandicotta, fortress and diamond mine 202 Ganga, or Gonga, an appellative of siner, whence Ganges colony, whence Ganges Colony, 255  Ganges river, unknown to Horodotas xxiii.  Source of unknown till the present century, 234. Sum of the information contage.
amount of their fales, ib. Their revenue in India cxiv  Edaircissemens Géographiques sur la Carta de L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  FINALTIOUR, province of, 159. Implied in page cxxx, cxiv; it being the wistern part of BERAR.  Ellicity Mr. elogium on 161, 162  Ellore 140, 141  Elora, temples of, or pagodas 32, 140  Embodina 119  Emodus Mts. 95, 222  Endelayor See Indelayor.  Eradus Casia, Memoirs of 172  Errangibenes xxvi, xxvii, 54  Errangibenes 449  Eterian winds, what meant by them, in	Figer  Figer  172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii  FUTTY SING GWICUAIR cxxv, cxxvi  F, zabad cxxv, cxxvi  Galgala cxiz  Galle, or Pt. de Galle 48 & fig.  Gandicotta, fortrefs and diamond mine 202  Ganga, or Gonga, an appellative of siver, whence Ganges 206, 255  Ganges river, unknown to Herodotta xxiix.  Source of, unknown till the prefent century, 234. Sum of the information concerning its fource, 233; for which we are
amount of their fales, ib. Their revenue in India cxiv  Edaircissemens Géographiques sur la Carta de L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elechanta island 32  Elichanta island 32  Embolima 169, 141  Embolima 119  Emodus Mts. 95, 222  Endelaror See Indelavoy.  Editator Colon, Methods of 1xiii  Eratof thems  Erranaboas R. 49  Etessan winds, what meant by them, in Arrian	Figer 172, 174  Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii FUTT SING GWICUAIR cxxv, cxvvi F, zabad cxxv, cxvvi F, zabad cxxv, cxvvi Galgala calle, or Pt. de Galle 48 & fiq. Gandicotta, fortrefs and diamond mine 202 Ganga, or Gonga, an appellative of siver, whence Ganges cxxv, cxxvix. Source of, unknown till the prefent century, 234. Sum of the information concerning its fource, 233; for which we are indebted to the Emperor CAMHI, 234.
amount of their fales, ib. Their revenue in India cxiv  Ediarcissemens Géographiques sur la Carta de L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elechanta island 32  Elification page cxxx, exity; it being the wintern part of BERAR.  Elicin, Mr. elogium on 161, 162  Ellore 140, 141  Elora, temples of, or pagodas 32, 140  Embolima 119  Emodus Mts. 95, 222  Endelator See Indelavoy.  Endelator See Indelavoy.  Estador Calar, Methodre of Erransboas R. 49  Etransboas R. 49  Etransboa	Figer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory exvii FUTT SING GWICUAR caxv, exvvi F, zabad 63  G.  Gagaímira 145 Galgala 212 Galle, or Pt. de Galle 48 & fiq. Gandicotta, fortrefs and diamond mine 202 Ganga, or Gonga, an appellative of siner, whence Ganges 206, 255 Ganges river, unknown to Hardotas axiis. Source of, unknown till the prefent century, 234. Sum of the information concerning its fource, 233; for which we are indebted to the Emperor CAMHI, 234. Account of the Ganges, 255. Indian
amount of their fales, ib. Their revenue in India cxiv  Ediarcissemens Géographiques sur la Carta de L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elechanta island 32  Elification page cxxx, exity; it being the wintern part of BERAR.  Elicin, Mr. elogium on 161, 162  Ellore 140, 141  Elora, temples of, or pagodas 32, 140  Embolima 119  Emodus Mts. 95, 222  Endelator See Indelavoy.  Braine Court, Methodrs of Erransboas R. 49  Etransboas R. 49	Figer 172, 174 Füllarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory exvii FUTT SING GWICUAR caxv, exvvi F, zabad 6;  Gagaímira 145 Galgala 212 Galle, or Pt. de Galle 48 & fiq. Gandicotta, fortrefs and diamond mine 202 Ganga, or Gonga, an appellative of siner, whence Ganges 206, 255 Ganges to Michael Sailed and the prefent century, 234. Sum of the information concerning its fource, 233; for which we are indebted to the Emperor CAMHI, 234. Account of the Ganges, 255. Indian names of, 16. Fabulous account of, 256.
amount of their fales, ib. Their revenue in India cxiv  Eclaircissemens Géographiques sur la Carta de C. Inde 7, 115, 118, 292, 294  Rgyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Elification page cxxx, cxxv; it being the wintern part of BERAR.  Elischpour, city 159  Ellior, Mr. elogium on 161, 162  Ellora, temples of, or pagodas 32, 140  Embolima 119  Emodus Mts. 95, 222  Endolarty See Indelavoy.  Extra Color, Menhour of xxvi, xxvi, xxvii, 54  Etransboas R.  Eternanboas R.  Etern	Figer  Figer  Fillarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii FUTT SING GWICUAR cxxv, cxvvi F, zabad  G.  Gagaímira  Galgala  Galle, or Pt. de Galle  Gandicotta, fortress and diamond mine 202  Ganga, or Gonga, an appellative of siver, whence Ganges  Ganges river, unknown to Heradotus xxiii.  Sailed up, before the time of Strabo, xxxix.  Source of, unknown till the present century, 234. Sum of the information concerning its source, 233; for which we are indebted to the Emperor CAMHI, 234.  Account of the Ganges, 255. Indian names of, ib. Fabulous account of, 256.  Particulars relating to its banks, windings.
amount of their fales, ib. Their revenue in India cxiv  Eclaircissemens Géographiques sur la Carta de C. Inde 7, 115, 118, 292, 294  Rgyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  Elification page cxxx, cxxv; it being the wintern part of BERAR.  Elischpour, city 159  Ellior, Mr. elogium on 161, 162  Ellora, temples of, or pagodas 32, 140  Embolima 119  Emodus Mts. 95, 222  Endolarty See Indelavoy.  Extra Color, Menhour of xxvi, xxvi, xxvii, 54  Etransboas R.  Eternanboas R.  Etern	Figer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory exvii FUTT SING GWICUAIR cxxv, exvvi F, zabad 6  Gagasmira 145 Galgala 212 Galle, or Pt. de Galle 48 & fig. Gandicotta, fortress and diamond mine 202 Ganga, or Gonga, an appellative of siver, whence Ganges 206, 255 Ganges river, unknown to Haradotus xxiii. Sailed up, before the time of Strabo, xxxix. Source of, unknown till the present century, 234. Sum of the information concerning its source, 233; for which we are indebted to the Emperor CAMHI, 234. Account of the Ganges, 255. Indian names of, ib. Fabulous account of, 256. Particulars relating to its banks, windings, depth, and rate of motion, 256.
amount of their fales, ib. Their revenue in India cxiv  Ediarcissemens Géographiques sur la Carta de C. Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Electrarita island 32  Elification part of BERAR.  Elicity part of BERAR.  Elicity Mr. elogium on 161, 162  Ellore 140, 141  Elora, temples of, or pagodas 32, 140  Embolima 119  Emodus Mts. 95, 222  Endelarcy See Indelavoy.  Brain Court, Methods of Xxvi, xxvii, 54  E transboas R. 49  Retean winds, what meant by them, in Arrian 101  EUROPBANS, conquests of, in Hindooftan, 200  European force in India, may be too great, in proportion to the Eppty force cxv	Figer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory exvii FUTT SING GWICUAIR cxxv, exvvi F, zabad 6  Gagasmira 145 Galgala 212 Galle, or Pt. de Galle 48 & fig. Gandicotta, fortress and diamond mine 202 Ganga, or Gonga, an appellative of siver, whence Ganges 206, 255 Ganges river, unknown to Haradotus xxiii. Sailed up, before the time of Strabo, xxxix. Source of, unknown till the present century, 234. Sum of the information concerning its source, 233; for which we are indebted to the Emperor CAMHI, 234. Account of the Ganges, 255. Indian names of, ib. Fabulous account of, 256. Particulars relating to its banks, windings, depth, and rate of motion, 256.
amount of their fales, ib. Their revenue in India cxiv  Edurcissens Géographiques sur la Carte de L'Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Elephanta island 32  ELICHTOUR, province of, 159. Implied in page cxxx, cxxv; it being the western past of BERAR.  Ellicipour, city 159  Ellior, Mr. elogium on 161, 162  Ellora, temples of, or pagodas 32, 140  Ellora, temples of, or pagodas 32, 140  Emodus Mts. 95, 222  Endelayor, See Indelayor.  Eradit Colora, Memoir, of 159  Erransboas R.  Etesian winds, what meant by them, in Arrian  EUROPEANS, conquests of, in Hindonfan, see 101  EUROPEANS, conquests of, in Hindonfan, see 119  European force in India, may be too great, in proportion to the Creey force cxv	Figer  Fillarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196  FURRUCKABAD, territory cxvii  FUTT SING GWICUAR cxxv, cxvvi  Fyzabad cxv, cxvvi  Gagasmira 145  Galgala 212  Galle, or Pt. de Galle 48 & fig.  Gandicotta, fortress and diamond mine 202  Ganga, or Gonga, an appellative of siver, whence Ganges 206, 255  Ganges river, unknown to Haradotus xxiii.  Sailed up, before the time of Strabo, xxxix.  Source of, unknown till the present century, 234. Sum of the information concerning its source, 233; for which we are indebted to the Emperor CAMHI, 234.  Account of the Ganges, 255. Indian names of, ib. Fabulous account of, 256.  Particulars relating to its banks, windings, depth, and rate of motion, 256.
amount of their fales, ib. Their revenue in India cxiv  Ediarcissemens Géographiques sur la Carta de C. Inde 7, 115, 118, 292, 294  Reyptians trade to India xxxv  Elevated plain, in Coimbettore 197  Electrarita island 32  Elification part of BERAR.  Elicity part of BERAR.  Elicity Mr. elogium on 161, 162  Ellore 140, 141  Elora, temples of, or pagodas 32, 140  Embolima 119  Emodus Mts. 95, 222  Endelarcy See Indelavoy.  Brain Court, Methods of Xxvi, xxvii, 54  E transboas R. 49  Retean winds, what meant by them, in Arrian 101  EUROPBANS, conquests of, in Hindooftan, 200  European force in India, may be too great, in proportion to the Eppty force cxv	Figer 172, 174 Fullarton, Col. his marches in the fouthern provinces, of great advantage to geography, iv, 196. Mentioned, iv, 15, 24, 196 FURRUCKABAD, territory exvii FUTT SING GWICUAIR cxxv, exvvi F, zabad 6  Gagasmira 145 Galgala 212 Galle, or Pt. de Galle 48 & fig. Gandicotta, fortress and diamond mine 202 Ganga, or Gonga, an appellative of siver, whence Ganges 206, 255 Ganges river, unknown to Haradotus xxiii. Sailed up, before the time of Strabo, xxxix. Source of, unknown till the present century, 234. Sum of the information concerning its source, 233; for which we are indebted to the Emperor CAMHI, 234. Account of the Ganges, 255. Indian names of, ib. Fabulous account of, 256. Particulars relating to its banks, windings, depth, and rate of motion, 256.

•	_
Different heights of the inundation, at	Page
places more or less remote from the sea 273	Gumfoar - 152
Ganges and Burrampooter rivers, a remark-	GUNTOOR circar, 210. Account of exxxvi
	*Guræi, 116, 117. (Supposed to be the
in respect to each other	modern Gurdeys.)
in respect to each other - 234 Gangia Regia - 55	* Guræus river - 116
Gangotti, or cavern through which the	GUZERAT, possessed chiefly by the Poonah Mahrattas, cxxvi. The western parts
Ganges passes, in Mount Himmaleh or	woody and mountainous, exxiv. Geogra-
Himaus - 228, 232, 233	phy of, 149, 151. Coast of, 37. British
Ginjam	conquests in - lxxxvii
Gap, or opening in the Gaut mountains 196	Gwalior taken by Col. Popham 156
Sulaner Willor - son	Gyalgur 144
Cains, or indian Appening, 120, 212, 214	~76
- mo occurrent) of the wet and dry featons	
213. A happenduous wall of mountaine	H.
CARVII. Crap, or opening, in	
Gaut, explanation of the term cryviii	HADOWTY, the same as NAGORE, a
GAURIDE dynasty, origin of xlvii	division of Agimere - 155
Gaur	HAIVKAN
GEDROSIA, ancient name of MACK	HAJYKAN - 292  Hamilton, Capt 286, to 291
RAN 289	Harfer, Cil 205, 209
GELALI, or GELALEDDIN xlviii, 85 GENGIZ CAWN - xlviii, 85	Hastings, Mr. ci, cix, 66, 74, 75, 76, 142,
Crtes	145, 152, 154, 162, 221, 260, 295
Gheriaana	Hassi, or Hansi - 72, 73
Cheriah	Hemming, Mr 35
GHIZNI, empire of, xliv. Forcibly divi-	Herat - 125.
Geo	Heredotus, knew only the western parts of
Ghizni, city of Li3, 1144 L7. GICKERS, Gehkers, or Kakares	India, xxii. The Ganges not known to him, xxiii. His account of Scylax's ex-
GICKERS, Gehkers or Kalerra	padition down the Indus, about 186 years
Gillies, Dr.	before Alexander, Xxiii. His account of.
Gillies, Dr 101 Gingce - 194	the Indians, ib. Of the tides in the Red
Giorgi, P 220, 221, 223, 224, 226	Sea, xxiv. Of the tribute paid by the
	Indians to Darius, xxv. Mentioned 108
Goa Godavery river Goddard, General Gog; a, or Soorjew river GOHITE, 155, 574, 130 GOHITE, 155, 574, 130	289
Godavery river - 166, 167, 176	* Hesudrus river (The Setlege) 51, 72, 82
Goddard, General - 32, 33, 34, 130	* Himaus, or Imaus mountains (the modern
Gogia, or Soorjew river 63, 248, 231	Himmaleh) 95, 96.
~~~~~ ~ ~ 1 1 2 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Himmaleh Mts. (See the last arricle) figuity-
GOLAM CANDIR, Terrs. of CXVI	ing fnowy - 95, 232, 234;
Golden Mahamid 137, 143, 160, 161, 162	Hindenny river - 212
GOLCONDA, country of, cxi, cxxxv. For-	Hindoo-Ko, the Indian Courage, 96, 111.
Target we a supplemental supple	22
Gold, proportional value of, to filter, according to Herodotus, xxv. Found in the	HINDOOSTAN (applied in a general lense
rivers, that flow from the Thibet moun-	to India tura Gargon, and more particu- larly to the modern flate of it) geographi-
tains, into the Ganges and Indus, xxv,	cal definition of, xix. Hindockan propers,
DQ 108. Indute to Daring Huffafner	what, xix, 20. Its extent compared to
Date in gold	Enrope viv Sketch of its history of
Gondalis sive	Europe, xix. Sketch of its history, d.
GOOD FOR AND the ancient name of the	Moral empire willi. Downfall of line
Pragpour promise	Mogul empire, Ivili, Dhwnfall of, lier Revenue of under Annungzene, west an envision of things
Goody son, wast	A Tobal of History
Goory	de est Frent division colis
Gorka	tal est Protein division extil 200.
Gos, and Athenry Meadure	HOLKAR PUCKOTEE, a Mahadalla Alexander
Goes, or Luckheit!	ferritories of crevi. CXVIII.
Greath, Right Hon. Charles	relidence of
4 + 2 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4	R. r 2 Halmes.

Page	Page
Holmes, Mr 180	* Imaus Mt. See Himaus.
Holland, Mr. Yob.t - 170	Indelavoy - 170
Hoogly city, 59. River of - 259	INDIA (applied in a general sense, to the
Hornby, Mr 149, 196, 286, 294	countries between Persia, China, and Tar-
Howe, Hon. Capt. Thomas 9, 16, 19, 26, 29.	tary: and more particularly in this place,
33	to the parts of it known to the ancients)
Hubely - 174	derivation of, xix. The term improperly
Huddart, Capt. geography greatly indebted	applied, at first, to any part except India
to his labours, iv, 18. Mentioned 19,	intra Gangem, xxi. Has in all ages excited
26, 30, 31, 45	the attention of the curious, ib. Manners
HIIM JIOON Reports by Ivi	of its inhabitants, nearly the fame 22 cen-
Hunter Mr Yohn	turies ago, as at present, 16. and xxix. Lit- tle known to the Greeks, until Alexander's
Humberstone, Col. 192  HUMAIOON, Emperor Ivi, Ivii  Hunter, Mr. John 180  Hurdah 132  Hurdah 220, 232  Huffingabad 233  Huffingabad 372	expedition, xxii. The western part, of it,
Hurdwar - 220, 212	tributary to Darius Hyttaspes, xxiii. The
Hussingabad - 133	tribute paid in gold, and why, xxv. Its
Hustnapour - 72	proportional dimensions better expressed by
Huttany, or Atoni - 174	Diedorus Siculus, Arrian, and Pliny, than
Hydaspes R. (the Chelum or Behat) 82,	by Ptolemy, xxvi, xxvii, xxviii. Appears,
93, 95, 98. Confluence with the Acefines	never to have composed one empire, until
(or Chunaub) turbulent - 82, 96	the Mahomedan conquest, xxxii. A pai-
HYDER ALLY, late Regent of Mysore, ac-	fion for Indian manufactures and products,
count of, xc & feq. His wars with the	has actuated the people of the west, in every
British, xcvi, c. His army totally defeated by the Mahrattas, xcviii. Death and cha-	age, xxiii. Trade of the Tyrians, Egyp-
racter of - Ci	tians, and Romans, to India xxxiii, to
Hydrabad, capital of Golconda, 14c, 141,	Indian cities occupy more ground than Euro-
142, 170, 210. Table of distances from	pean ones, and why, 50. General idea
244	of 58
Hydrabad on the Indus - 291	Indian names prevail in the western part of
* Hydraotes R. (the modern Rauvee) 82,	Thibet - 232
93, 94, 95, 97, 98	Indian Caucasus, or Hindoo-Ko '111, 112
* Hyphasis R. (the modern Beyah) 72, 82,	124, 222
94*,95	Indore, or Endore - 147
d ra	*INDO-SCYTHIA - 292
The last transfer of the same	Indus river, or Sinde (proper Sanferit name
Particular and the second seco	Seendhoo) 37, 79. Width at Bazaar, 109. Black fand fufpended in it, ih. Its source,
Tagarient pappds	probably, far beyond the Indian Cancalus,
JACTURE, or East India Company's lands	109, 1 0. Correction of its geography,
in the Carnatic, 184. Revenue of ib.	from late accounts, 285 & feq. Its del'a
Jaghire, explanation of the term cxxv	has no trees on it, 287. Camels bred in
Jamdro lake. See Palte.	the delta, 228. Extensive inland naviga-
JASSELMERE - exxxii	tion by the Indus and its branches, 200.
JATS, their first appearance as a people,	Moveable towns on its hanks, 291. Known
Their late possessions exviii	to the Romans, under the name of Sinde
747 August 124	Today Mr.
Jehadi 88	India, Mr.
Jehud, or Joud Min. 86	Island navigation, vaft extent of, in India, 215 (See also navigation). Remarks on,
Jenaub. See Chunaub.	
Jengian - 87	Innaconda 279 & jag.
JEWAN BUCHT, fet up for Emperor, by	JOINAGUR, the same as Jyenagur, and
ABDALLA lxxiv	jyepour - 7c
Jidger river	Jomanes R. (Jumna) 49, 53, 72
Jihon R. (the ancient Own) 125	Jones, Sir William Coxiv. Co. 80, 01
Jionpour 63	Jones, Capt. John - 122
Illahabadi See Allahabadi	JOODFOUR AND
) 4 mg ; 1 i j	Trabatty,

Irabatty, or Ava river - 217, 277	_
Irabatty, or Ava river - 217, 277 Irawutty (ancient Hindoo name of the pre-	Page
fent Rouvee or Hudrous of Alexander Or	of rivers, than in the lower part of then
fent Rauvee, or Hydraoies of Alexander 82	Courses LAMA, of THIBET 226
Ircum lake 204 ISSAKYL 117, 119	LAMA, of THIBET
Itinerary, down the Indus, &c. 68, 77, 80, 83,	Lama, fignifying a Priest, in the Thibet lan-
21.11.11.11.73 worm the lines, &c. 05, 77, 85, 83,	guage
Junagur, or Chunagur, in Guzerat  97, 292 4 & feq. Junagur, or Chunagur, in Guzerat	Lama's map of Thibet, 219, 220. Faulty,
Junagur, or Chunagur, in Guzerat 149	Tomin the remini 221, 224, 229, 230
Junkfeilon I.	Lamissa, the feminine of Lama 225
Junkseilon I. 40  Jummoo 90, 103  Justice, Capt. 43	Langur, Mt 224
Tuffice. Capt.	Lanke Die, lake _ 228
gresing RAJAH, or JESSING CXXII,	Langur, Mt. 224 Lanké Dhe, lake 228 Lanken lake 229 Larry Bunder 285, 286
exxiii, 75	Larry Builder - 285, 286
JYENAGUR, or Joinagur; called also lye-	Lassa, 219, 220, 221, 223, 226, 231. Lati- tude of
pour, and Jaepour caix, caaxui, caxxiv,	
	Latitude taken at, Agra, 63. Amedabad,
75	135, Angenga, 18. Ava city, zi6.
	Buffeen, 32. Bombay, 31. Bopaltol, 132.
ĸ.	Burhanpour, 133. Cadiapatam Pt. 17. Calcutta, 8. Calpy, 131. Calymere Pt.
1	15. Chinna-Balabaram, 188. Cochin,
Kaman (of Tavernier, meaning Combam) 208	22 Comorin Cape, 21. Cuddalore, 13.
Kambala Mis 225	Delhi, 66. Dilla Mt. 22. Dundrahead,
Kanahoody Mts. (The Majderanus of Pto-	46. Pt. de Galle, 46. Ganjam, 9.
lemv) _ 124	Goa, 29. Islamabad, 38. Jyepour, 75.
Kandegheri, or Chandegheri 203, 211	Madras, 13. Maldive ls. 47. Masulipa-
Kan (ancient Hindoo name of Benares) 62	tam, 12. Mergui, 40. Nagpour, 143.
*KATHERI, or CATHERI of Diodorus,	Narwah, 131. Negapatam, 14. Negrais,
(the Kuttry tribe) - 03	39. Pigeon I. 29. Palmiras Pt. 11. Pon-
KRDOR A PROVINCE MAKEDANT AT	dicherry, 13. Poonak, 134. Porcah, 21.
Kely, Col 15, 188, 195	Kuttunpour, 144. Sirong, 142. Surat.
Kemaoon - 232	32. I Tilchinopoly, Tr. Vifacenethme is a
Kentaisse Mt 229, 230, 233	Lettres Edifiantes 172, 188
Kera R. 73	Longitude by celeffial observation, taken at
KHATAI - 110, 219	Agra, 48. Anjenga, 18. Bombay, 31.
Klangie - 225	Burhanpour, 134. Calcutta, 8. Delhi, 66.
Keiy, Cod. 12, 188, 195  Kemaoon 232  Kentaisse Mt. 229, 230, 233  Kera R. 73  KHATAI 110, 219  Kiangse 225  Kinnoul or Canoul 206  Kirzanu. See Gheroong.	Goa, 29. Jynenagur, 75. Madras, 0.
Kirganu. See Ghergong.	Mergui, 40. Pondicherry, 14. Poonali.
Kirganu. See Ghergong.  Kirkpatrick, Capt. 146  Kishengonga 108	134. Vifagapatam
Klinengonga - 108	Longitudes inferred from time-keepers, fur-
Kifton river 173, 175, 176, 207, 208, 209	veys, or charts. Agimere, 147. Acheen-
Kilmagheri - 190	head, 42. Agra, 63. Aguada Pt. 20.
Kond, or Cond, a termination, signifying	Amedabad, 135. Anjenga, ro. Attock,
fortrefs Koorket lake KORASAN Kofs R. See Cofa.	77. Avz. 216. Aurungsbad, 140. Ban-
KODASAN	gelore, 188. Baffeen, 42. Broders, 749.
Kole R See Cole	Burhanpour, 33. Bopaltol, 172. Cabul,
	* * * * * * * * * * * * * * * * * * *
Kuthail or Kuthii	Cambay, 35. Candahar, 113. Canoge,
Knitty or Rajpoot tribe (the Catheri of Dio-	54. Cashmere, 104. Cattack, 11. Co-
Access V	chin, 22. Comorin Cape, 19. Culda-
Kuthell es Kutheil	lore, 13. Devicorta, 14. Dilla Mt. 22.
	Diu head, 26. Dungkrifferd, 46. Gan-
The second se	jara, 9. Greeks, Tr. Galle Pt. 16.
The second of th	A series of the
	bahore, 66. Laffa, 220 Ma-
LACCADIVE islands	design to Maldin to
Labore, 68, 69. Capital of the Saits accit	dera ic. Maldive Is. 47. Magafore. 22. Mafulipatam, 12. Kas Maduran
Lakes, more commonly found sear the fourter	78. Negrous, 143. June 1. Ne.
make the make and a sample of the same and same	78. Magradi, 143. Martin Ne

Page	Page
gapatam, 14. Negrais, Cape, 38. Ni-	MALABAR COAST, its direction in the
cobar, great, 41. Palamcotta, 19. Pei-	charts, too oblique to the meridian, and
shore, 110. Palmiras Pt. 11. Pigeon 1. 29.	why - 30
Poolytopu, 16. Porca, 21. Ruttunpour, 144.	Malabar map - 205
Sanore-Bancapour, 171. Seringapatam,	* MALLI, ancient people of Moultan, 77,
189. Sirhind, 70. Sirong, 132. Sum-	78, 86, 93, 96, 97, 100. Ancient capital
bulpour, 160. Surat, 22, 32, 122. Sy-	of, flood near Toulomba - 99, 98
rian Pt. 40. Tanore, 25. Tatta, 286.	MALDIVE islands - 47
Tritchinopoly, 15. Victoria fort, 21. Vi-	MALVA, divided among the Poonah Mah-
iagapatam, 12. Viugorla rocks 31	ratta Chiefs, exxvi. An elevated tract 160
Longitude, no celestial observation for, on	Mandeshe, M CXXV, 172, 173, 179
the west of Bombay, and within the limits	Mangalore 28
of the map - 32 Luckiduar - 221 Lucknousi - 55, 56	Maniorah. The fame with Bhakor 80 Manforoar lake - 228, 230 Manzorah river - 170
Luckiduar – 221	Mansoroar lake - 228, 230
Lucknousi - 55, 56	Manzorah river - 170
Lucknow, 63. Table of distances from 245	wapana take - 229
• 1	Map of the countries between the head of
	the Indus, and the Caspian sea, account of,
M.	102 & feq.
MADED underflood to be the fourthern went	* Maracanda 125
MABER, understood to be the fouthern part of the peninsula of India - lii	MARAWARS - 195
of the peninfula of India - lii  MACHERRY RAJAH - cxix, cxx	Marjden, Mr xl, 184
MACHERRY RAJAH - cxix, cxx Madras, or Fort St. George, 183. Has no	MARGIANA 123
TOUT A Surf of 184 Room of A thousand	MARWAR, CXXXIV, 155. It is also called IOODPOUR.
port, id Surf at, 184. Boars used there, ib. Table of distances from 246	
16. Table of distances from 246	الألفا والمجالة المستعادة المستعادة المستعادة والمستعادة والمستعاد والمستعادة والمستعادة والمستعادة والمستعاد والمستعاد والمستعاد وا
Madaza Mobalarus - 15, 19	Masulipatam - 136
Maha-nuddy, or Mahanada R. 164	MARHAT, the original country of the
Mahadeo, temple of, in Thibet 232	MAHRATTAS - lxxv
Mahé - 22	MAVER-UL-NERE, or Transaxians 125
MAHMOOD, Sultan, of GHIZNI, the first	Mayapara, the proper name of Point Palmi-
Mahomedan conqueror of HINDOO-	ras 296
STAN - xlv	MAZANDERAN - 123
Mahmoodabad 149	MECKLEY - 215
MAHOMED SHAH, cedes the provinces west	Megafibenes refides at Palibothra, xxv. Men-
of the Indus, to NADIR SHAH lxviii,	tioned - xxvi, xxvii, xxx, ço
MAHOMED SHORE	tioned - xxvi, xxvii, xxx, 50 Meerzaw, or Mirjee 88, 29, xxxviii
MANAGER	Melann R. a name of the Indus
MAHRATTA NATION, Seatch of its his-	Meritch, Meritz, or Merrick, exxv. Taken
tory, lank & feq. Origin of the name,	by Hyder Ally, in 1778, exxvii. Its geo-
lxxx. Rose on the ruins of the Mogul em-	graphical polition, not well afcertained
piec, lxxxii. Separates into flates, Poonah	CKNA
and Beras, laxxiv. Both invade Bengal,	Merjee, or Mirjee xxxviii, 28, 29
Ixix, Ixxxiv. Contests with Abdalla, and	Merkiferay, 207. The same as Sera.
total overthrow at Fanniput, laxiv, laxvi.	Merat, 89. Implied
Dooline de and exami. War with the	Mergui
Mahrattas, irrevest Present flate of both	Meintes 49, 53, xlv
16. and laxxix. Their extensive domains,	
cxxiv & feq. Principal Jaghiredars, cxxv.	MEWAT cxiv & jag. 75
Revenue of, uncertain, czxviii. Geogra-	MEWATTI, inhabitants of Mewat, xlix.
phy of the fourthern part of their empire,	Hired for the purpose of plundering an
uncertain, exteria. Their habits of plun-	enemy's country
dering, come Malure of their troops,	Middleton, Mr. N vill
and the state of t	Mile, Roman
Makery or Maor	Mirjee, or Meerzaw,
MAKRAN, the antient GEOROSIA 189	Minje, improfed to mean Mericon
The second of th	MOGUL

Page	Page
MOGUL EMPIRE (meaning the empire	pooter rivers, 255. N.B. It extends from
established in Hindoostan, and Deccan, by	Delhi to the capital of Affam; about 1750
the descendants of Timur, or Tamorlane).	miles. Improvements intended by the
See Baber, Acbar. At its greatest extent,	Emperor Ferose III liv, 72, 73
under Aurungzebe, lxili. Downfall of,	Nearchus, conducts the first European fleet
lxix. Geographical division of, under	that navigated the Indian seas, 101. Re-
Acbar - cix	marks on a passage in his journal, 102.
MOGUL GREAT, meaning SHAH AULUM,	Mentioned - 291, 294, 295
has an establishment from the Finglish,	Neermul - 158, 170
lxxv. Throws himself on the Mahiattas,	Negapatam - 14, 198
lxxvi. A pensioner to Madajee Sindia	Negar Parkar - 286
cxviii	Nehrwalla, ancient city of, xlvi. It appears
Montrefor, Mr. 16, 19, 189, 201, 203, 208	to have been anciently applied to the pro-
Monchaboo 217	vince of Guzerat, in general. See Orme's
Monze, Cape - 36, 285 MOODAJEE BOONLAH, or Bonfola. See	Histor. Frag. p. 149. Nelisuram - xxxviii. 28
Berar Rajah.	Nelifuram - xxxviii, 28 * Nelcynda - xxxviii
Moorshedabad - lxxxv, 60	Nellore - 202
MORUNG 232	Neptune Orientale. See D'Apres.
Motte, Mr 161, 162, 164	Nerbudda river 157
Moultan - 77, 78, 80	Newtya - 31
Muir, Cal 76, 147, 156	* Nicwa - og
Mulgrave, Lord - viii	NICOBAR islands - 48
Mundu - 147	NIDJIB DOWLAH, late Terrs. of, cxxi.
Murray, Col. John 68, 70, 74, 77, 78, 84.	See GOLAM CAWDIR, and ZABETA CAWN.
* MUSICANI 99	Nilab (supposed to be meant for the Indus
Mysore 190	river) 79, 109
MYSORE, Regent, or Sovereign of, TIP-	Nimderia - 138
Pho SULTAN, his territories, revenues,	* Nitrias 31
military establishment, &c. &c. cxxxviii	NIZAM ALLY, Soubah of the DECOAN.
Jeg. The most powerful of the native	See Deccan.
Princes of India - CXXXIX	Noanagur 294
	Nogarcot - zz4
N.	NOMADES - 291 NOMURDIES - 201
144	NOMURDIES 29t Northwesters, gusts of wind, so called, in
NADIR SHAH, his invation of HINDOO-	Bengal, &c 279
STAN, lavili. The provinces well of the	NOR'I HERN CIRCARS. See Circars.
Indus ceded to him, by MAHOMED	Nou-Kian, or Ava R. 215, 219, 277. Four
SHAH - İxviii, exxiii, exxiv	Chinese travellers embark on it, and come
* Nagara - 120	to Ava 10 216
Nagaz - 120	NUDJUFF CAWN, late, his conquests,
NAGORE (in Agimere) cxxxiii, 155	cxix. Specien rate and tall of his princi-
Nagpour, 142, 143. Rainy feafon at, 213.	pality - 16.
Table of distances from - 247	Nulla Sankra 199 Prof. 4. 201
NAGPOUR RAYAH. See Berar.	* Nyfa - 120
Naldorouk, or Naldroog - 174	
NAPAUL 224, 232 NARDECK CXX	<b>O</b>
Nernaveram Hill - 204	المرابع
NARSINGA, kingdom of, its history ob-	Omircott. Sec Asimoreca
faire the same and sa	DMMAN, Ica of the
Marwah	28
Waffick-Trimuck	OKINGS, same position of the Manufact,
Navigation, Roman, from the Red Sea to	
India, xxxvi & feq. Remark you, 279	Orm, Mr. Axix, cxxv, 96, 200, 170, 171
Jeg. Inland, by the Ganges and Support	The second section is the second section of the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the section is section in the section in the section in the section is section in the section in the section in the section is section in the section in the section in the section is section in the section in the section in the section is section in the section in the section in the section in the section is section in the section in the
	A CASE OF THE PROPERTY OF THE

Page	Page
Ootiampaliam, valley of - 105	* Pattala, ancient name of Tatta 80, 89,
OUDE, NABOB of, his Terrs. cxv & /eq.	285
An Ally of the British, cxvi. Revenue,	Paukputton - 81
and military establishment of, cxvii. Pays	Pawangur - 146
a subsidy to the East India Company cxiv,	Payen-Gaut, applied to the Carnatic exxviii.
cxvii	
Ougein, 146, 147. Capital of Madajee	Pearfe, Col. 8, 9, 10, 16c, 186, 202
Sindia, 16. Table of distances from 248	Pedro Poine
OUDIPOUR, Rajpoot province of, exxis.	Pehkely, or Puckley, 108. Supposed to be
Cheitore, the ancient capital caxiii	the Powelasts of Amion it and and
f lutch	the Peucelaots. of Arrian, ib. and 116, 118,
Come D /ele med 13	Peishore 110
	Dalain lan of
* OVVDD 4 O # ''	Pekin, lon. of
* Orene	PENINSULA of India, the scene of frequent
Ozene - 147	wars, 182. A large map of it announced
	214
TO.	Pennar Point, 13. River - 202
P.	Penukouda - 202, 211
** T7: O	Pepper plant, black, discovered in the North-
* Pactya - xxiii	ein Circars - 108
Paddar R. See Puddar.	Pirry, Mr 68
Pahar, an Indian term for hill, or moun-	* Peucelaotis, or Peucela 115, 116, 118,
tain - 125	110
PAISHWAH of the MAHRATTAS, ufur-	Pigeon I.
pation of, xxxiv. Terrs. of cxxv, cxxvii	PIRATE COAST, remarks on 30
Palamcotta, or Tinevelly - 16	Pliny's Indian itinerary, 51. Mentioned,
Palicaudcherry - 196	30, 31, 49, 50, 51, 52, 54, 70, 72, 79,
Paliconda - 186	80, 83, 96
* Palibothra - xxvii, xxxii, xxxix, 49, 50,	Podala, or Poudela - 210
52, 54	Polier, Colonel - 10, 11
Palmiras Point, 295, 296. A light-house	Pondicherry, original grant of, lxxxi. Posi-
proposed to be built on it, ib. Extent of	
its reef - ib	
PALNAUD - 207	Poonah, 134. Table of distances from 249
Palté lake - 225	Popham, Col. viii, 75, 76, 111, 112, 116.
Panasia - cxvii, 155	
PANJAB country, what so named, xxii, 80.	PORTUGUESE, did not possess any great
Geography of, 80 & Jeq. Flat and marshy,	extent of terminary in India
in the part near Moultan 99	extent of territory, in India xc
Panjab rivers, their couries and mode of con-	Portonovo 199 Post, regular, throughout the East India
fluence, favourable to the tracing of Alex-	Company's refluid the East India
	Company's possessions, 237. Rate of tra-
Paniany, 22, 23. River of 196, 197	veiling
Panna, or Purna, a diamond mine there,	* PRASII, kingdom of xxxiii, cxvi, 54,
	Description 1
Panniput, a place of battles, 70, 72, lxxiv.	Preparis islands - 41
	Primary stations in geography 186
Pannels of the 1701 Ixxiv	Pringle, Mr. 13, 17, 184, 186, 192, 193, 194,
Pannela Parafanga, or Farfang	100, 204
Paridenna au Davidona	Frue, Capt. Joseph - 152
Paridrong, or Paridlong	Ptolemy, the geographer, an apology for some
* PAROPAMISUS, province of, 115.	of his errors, 163. Mentioned xxvi, 64,
Mountains of, 123, 125, 222. Probably	82, 120, 124
derived from Pabar, Hill 125	Puckley. See Pehkely.
PARTHIA, 123, 124. Misconception re-	Pulicat laka exxxiii, 91, 150, 293
specting its geography 125, 126, 127	204
Patalipootra, or Pavelpoother, ancient name	rundua
or Pama	Purnah. See Panna.
Parne, 62. Supposed to be the ancient Pa-	Potala Mt.
- 50, 52, 54	Qui-

	Page
Q.	ROSHAAN - 217
Page	Rouse, Mr. Boughton - x, 82, 156
Quilon. See Coylan.	Roydroog - 189
	Rupees, rule for turning them into sterling
	money - cxvii
R.	RUNJÉT SING, the JAT Prince cxix
	Russell, Mr. Francis - viii
RACHORE, province of, cxxxvi. Town of	Russell, Mr. Claud - 12, 166
206, 207	Ruttera Point - 20
Radimpour 150	Ruttunpour 144
Rairee - 180	remember.
Raibaug cxxv	
RAJPOOTANA, or country of the Raj-	<b>S.</b>
RAJPOOTANA, or country of the Raj-	51
poots; meaning generally, Agimere or	* SABARÆ 163
Azmere, xlvii, cxxxi. Geographical divi-	
fion of, exxxii. Made tributary, to or re-	* Sagheda - 155, 163
duced by the Mahrattas, exvvi, exxxi.	Salfette I 32, lxxxvii
Probably, formed one kingdom originally,	
cxxxiii. Particulars relating to 153 & feq.	Salt mines - 69 Saltpet: e made on the banks of the Ava river
RAJPOOTS, or inhabitants of Rajpootana,	
&c. are divided into two tribes, or classes,	218
RATHORE, and CHOHAN, or SEE-	Sami-Isuram - 203
SODYA, exxxiv. The Mahratta Rajahe,	Sandy Delert of Agimere (or REGISTAN)
were of the latter tribe, 16. Intended by	289, 290. N. B. It extends from the fea,
Diodorus Siculus, and by M Theward, un-	to the Panjab country.
der the names of Catheri, and Catry, 78,	* Sangala - 87, 93, 94
03. Their country 153 & feg.	* SANGADA - 294
	SANGARIANS (pirates of Guzerat) 294
Ralicotte - 17 Walter 1 1 1 1 1 1 75	Sanore-Bancapour - cxxv, 171, 210
Ramas, Cape 29	Sanpoo river (the Burrampooter) 288, 219,
Ramanadaporum - 20	226, 230. Source of, 227, 229, 230. It
RANA, of Oudipour, or Cheitore 153	means, THE RIVER - 226
Ranni-Bedalore - 212	Sanscrit (or Sanscreet) language, where ver-
Rantampour 154	nacular, xx. When supposed to become
Raolconda, a diamond mine - 174	a dead language, and the cause xlviii
Rauvee R. (ancient Hydraotes) 82, 85, 93, 9,	Sargong - 57
97	Sattarah - 173, 174
RECCAN, the fame as ARACAN.	Sautgud 186
REGISTAN, or fandy defert of Agimere	Savary, M 290
cxxii	S oit, Capt. Jonathan viii, lxiii, lxxix
Renas 118	Scott, Capt z#5
Reynolds, Lieut 28	SCYTHIANS, not chained to the foil, or in-
* RHANNÆ 153	commoded with the defence of a capital,
Rimola Mts. in Du Halde's map, enght to	in time of war - 135
be Himolz, or Himmsich 222, 224	SEHAURUNPOUR CXXII CXXII
Ringroje, Lieut 33, 34	SEIKS, first heard of as a people, lxiv. Ex-
Ritchie, Cupt. 10, 12, 37, 38, 41, 202, 295	tent of their territories cxxi, cxxii
Rinchel R 285, 287	SELEUCUS NICATOR - 53
Rivers often form lakes near their fources,	Semana 74, 88
and why, 107. Proportional length of	Sera - 189, 207
conite of fine expital ones - 257	* Serinda
Roads, winding of See Winding. Flave	Beronger by Sirang Land
a greater degree of decokedack in these.	Selected Befad to Cancient Hefad to
than for Europe	72, 73, 23, 39
Raes Sin A bonnes . But 4 440 1844 1844	SEV ATOM: his ancelty, ixxx. France con.
ROHILLA mestry, or MORILOUND.	Membranta brate in the province of the
conquered by the biaboli of Cade	HAT, or BAGLANA
ROMAN trade to India, EXECUTE of	Sewalitic Mis.
their thins - ib. & feq.	SI

#### INDEX to THE MEMOIR.

Page	Page
SHAH AULUM, GREAT MOGUL, a pen-	Sail, 76 hr - 145, 175
figner to SINDIA . Caviti	
SHAII JEHAN, Emperor - IN	
Shahjehanabad, or Delhi - 66	\$5.mant C
	Stewart, Copt 118
0.17	Strato 53, 11h, 287
Shak Furid's tomb - 88	Sairvan, Mr. John, viii, 16, 25, 178, 187.
Sheref.ddin 71, 81, 83, 84, 85, 96, 99	189, 193, 165, 201. His scheme for open-
Shetooder, ancient Hindoo name of Setlege	ing a communication between the Killna
82,95	and Godavery rivers - 1-8
Ships, particular method of launching of,	Sumbulpour, or Samelpour 160 5 kg.
167. Those built of Terk, last 10 years,	Sammaut temple, or pagoda - 171
in India.	Sunderbands, or woods, at the mouth of the
Si-cacollum - ze8	Gonges 270
Si'het, equidiffant from Calcutta, and from	Sunderdoo I 31
China 215	Court
* SINÆ 110	Conforma D
Sinde river. See Indus.	Suttuluz. See Setlege.
SINDIA, MADA TEE, the principal Jaghire-	Credom annum
day of the Mahratta flore (of Panal) hus	Sydaporum - 203
dar of the Mahratta state (of Poonah) but	Syrian R 40
ought to be regarded as a Sovereign l'rince,	<u></u>
exxviii. Holds a share of Malwa and	т.
Candeish, exxvi; and is extending his ter-	PPS 4 70 170 70 70 70 70 70 70 70 70 70 70 70 70 7
ritories to the N, and W, lxxvin, lxxxix,	TABERISTAN - xxi, 123, 125
exiv, exxviii. Is driven out of Bundela,	Tables of distances between the principal
cxxix. Holds the person of the Great Mo-	cities and towns, in Hindoostan 235
gul. 2b.; who receives a pension from him,	Tamana 31
exviii. Sindia's revenue, exxix. His ca-	Tanda, or Tanrah 55, 56
pital, Ougein - 2b.	TANJORE, exxxvii. Pays a subsidy to the
SINDY, country of (bordering on the Sinde,	East India Company - cx:v
or Indus) geography of, 285 & siq. Rain	Tanjore city - 15, 17
seldom falls there, 288. Extent of, 289.	Tankia _ zz4
Manner of ventilating houses, there, 16.	Tannafar - xlv, 71, 72
Tributary to the King of Candahar, 16.	Tanoie - 22 & feq. 25
and - cxxiv	Tanyan horses, from whence brought 225
* SINDOMANNI - 99	Tapty R.
St. John's Point - 34	Tarriore. See Terriore.
Sirhind 70	Taffasudon - 221, 222
SIRINAGUR - 232, 233	Tatta, account of 285, 290
Siringapatam, Tippoo's capital, position of, 189, 190. Table of distances, from 250	Taversier 68, 70, 82, 100, 113, 137, 145,
. 189, 190. Table of distances, from 250	149, 152, 170, 172, 202, 205, 209
Sirong, or Seronge - 132	* Taxila - 51, 02, 03
Sirripy - 189	Taxila - 51, 92, 93 Taylor, Mr 25
Sittarah. See Sattarah.	Teek forests, 167, 180, 218. Durability of
Skynner, Lieut 33, 34, 35	fhips, built of Teek, 181. Ships of war,
Smith, General Joseph - 141, 175	for India, proposed to be built of it ib.
Smith. Rev. Mr. 33, 129, 131, 148	Tallichauer
Scane R. fource of 157	TELLINGA language, in use over a large
*SOGDI	
* SOGDIANA	
Compression	Prant and
A Carrier D	
Soon on Choose a manual of the Yudin	Therenot, M. 68, 77, 78, 93, 135, 140, 170,
Scorangur 161, 162	171, 209, 286
w a company of the	THIBET, one of the most elevated tracts of
The second of the contract of	the old continent, 221, 223. Great ex-
Stade, Linerary measure, remarks on 50,52	tent, 227. Inhabitants highly civilized,
	227. Tributary to China, ib. Thinly
	inhabited, 232, Indian names prevail,
149, 193	in the welfern part of it.
	Thomas

Thomas, Mr.  Tiagar  Tiagar  Tieffentaller, Mr.  229, 230, 231, 232  Timerycotta  Timerycotta  Timerycotta  Toy, 208  TIMUR, or TAMERLANE, invades Hundooflan, liv. A monfler of cruelty, 16.  Made no establishment in Hindooflan, lv.  Geography of his matches  4 6 fig.  TIMUR SHAH, ABDALLA. See Candahar.  Tinevelly. See Palamcotta.  Tingri, valley of  TIPPOO SULTAN. See Mysore.  Tobacco, a fine fort, from Bilfah  Tondy  19, 44  Tonker, a name of Lassa  Topping, Mr.  13, 45, 47  Toulomba, or Tulmabini  84 6 fer.  Town and, Mr. William  190, 207  Trade from the western world, to India, mentioned in the earliest histories  TRANSOXIANA  125  Travellers ought to record their distances, in the itinerary measures of the country they travel in  Tripanty pagoda  Tripanty pagoda  Tripetty	Velore  Venelif, Mr.  Vingoila rocks  Vinitoonda. See Innaconda.  Vifiapour, or Bejapour  Vifagapatam  Universal History, modern  Unkei-Tenki  Unkei-Tenki  Volconda  Volconda  Volton, M.  Warangole  Watherstore, Capt.  Westerdile, Pere  ix, cxix, cxxii, cxxiii, 289  Westerdile, B ron  Westerdile, B ron  Wilkin, Mr. Charles  Windings of roads, general proportion of, 6.  In the Carnatic, 17. How to make a general allowance for, in reducing road distance to horizontal; or the contrary  Woods, at the mouth of the Ganges, 259.  Curious inland navigation, through  Yulluleah, Mt.
Valentine's peak VANIAMBADDY, valley of Van Keulen Valentine's peak VANIAMBADDY, valley of Van Keulen Valentine's peak VANIAMBADDY, valley of Van Keulen VANIAMBADDY, valley of VANIAMB	
	· · · **

# I N D E X

TOTHE

# $\mathbf{M} \quad \mathbf{A} \quad \mathbf{P}.$

- The whole Map being divided into Squares, or Spaces, by the Interfections of the Parallels of Latitude with the Meridians, each particular Square is pointed out by Letters of keference, alphabetically arranged along the Margins of the Map; the fide Margins having Capital Letters, and the top and bottom ones, small Letters. For instance, the City of Delhi is given in the Index under the Letters E o: and if the eye be guided along horizontally in the Map, from E, until it comes under o, the Square which contains Delhi will be found.
- The Names of Countries, or Nations, are in Roman Capitals; and those of Princes, Rajahs, or Chiefs, in Italic Capitals; and such Places as have their Situations described in the Index only, and not in the Map (owing to want of room) are in Italics. Others have only a Part of their Names written in the Map; and the Part wanting, is also distinguished by Italics in this Index. The Places without Names, in the Map, are left, in expectation of being able to supply the Names, hereafter.
- †1† Abbreviations. Terrs. Territories. I. Island. R. River. Pt. Point. Mt. of Mts., Mountain, or Mountains. F. Fort. G. Gaut, or Pals.

Abdoolgunge Abhofagur Abinga Abugur hills Acbarpour  Gr	coury cedines R. been. ory sa alamgur am's bridge- peak. ayeed	Adcensgur B i Adersmpst D b Adersmpst Adersmps	B k Zn Fn Gr Qo Bi I V Adii
---------------------------------------------------------	----------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------

Adli -	Q I	Allum	-	Αo		11
Admuncotta -	Χp	Allynagarum	-	Z o	Amrautty. See Omrautty	
Adoni -	So	Allypour	-	G٥	Anantasagarum I	P 9
Adiampatam -	Υq	Almada	_	Rn	Anantoor - W	y p
	people	Almunda		Qu	Ananpour - U	m
inhabiting part of	Cabul	A! MORAH	-	Dq	Anantpour - 7	l' o
and Candahar.		Alore	_	Ρp	Anantpour - 'I	$\Gamma_{\rm P}$
Afzulgur -	Dр	Alpour	_	Ro		R n
Aganis -	G t	Alva		Ϋ́n		2 s
Agaron -	Χq	Alvar -		Fο		ÀΓ
Agercite -	$A^{n}$	Alwara	_	Ĝp	Ancry - (	p C
AGIMERE -	Gm	Alyncohan		Ĺĺ	Anchitty - V	ν̈́ο
Agimere -	ıb.	Alorno	_	Ŝk	Andeah - I	Кp
Agger -	Qm	Amanat-Kan	_	Čk	Andicotta -	Ϋ́n
Agoree -	Iu	Amancot	_	Č n		W e
Agrarum -	Řѕ	Amanabad		Dn	little	Υe
AĞRA -	Ĝρ	Amarautpour	-	Fq	Andanagur. See Amed	
Agra -		Amadabaz	-	Ρİ	<del>-</del>	¥1 €***
Aguada F.	F p S k	Amarchitta	-	Ro	gur. Andra-Jerba - 1	К×
Aguarca -	Pw		-	Ϋ́р		Zo
Ahar	Нp	Amapet	-	Y P		Y n
Ahgadeep -	Ka	Ama <i>chetrum</i> Amafatium	-	Υp		$C_1$
Ahrireah -	Ğz		-	Z q F x		Ro
Ahrouni -	DÎ	Amanu	•	-		Üο
	Hr	Amaroud	-	l x		
Ajygur -		Amagur	-	Mr		χo
Ajitmol -	G q	Ambeer	-	Fm	Angara -	Bs
Ajatnagur -	00	Amba -		G p	Angoutchu -	B s
Akara -	Ag	Amba		Q n	Angla -	Li
Akoat - Akowlah -	M o N o	Ambarry	-	Κο		Tk
Alaberti -	Eo	Ambaipet	-	Q.p	Angria's F. See Gheria	n. Vo
	Wo	Ambeli -		W m		
Alagore - Alada Is	$Z_k$	Amboor	•	W p Y n	Anjar -	Lf An
Alembaddy -	W o	Ambala -	•	Ka		
Alene -	Qn	Ambooah	•	Kk	Ankapilly -	Qu
Alicant -		Ambawee Ameenabad	-	Bi		Ç.s
Alidek Mts	C q A i		•	Ki	Annamalist	Zρ Y o
Aliapetta -	Хp	Amedabad AMEDNAGI	TO The		Annamally - Anopesheer -	10
Alinagore' -	хq	as Dowlatal		iame	A a moure 1	E p M n
Alivarcourchy -	Ao	Amednagur	Jan.	01.		
Alkul -	SI	Amedagur	7		Anrodgurry -	Χp
Aliga R.	ib.	Amedpour	-	Оу	Antigareeah -	Q i M n
Allapour -	Fq	Amerpour	-	Υq		
ALLAHABAD	Ht	Ameapah	•	Po	Antongory -	Оp
Allahabad -	zb.	Amgong	•	Ĺу	Anundpour -	L g P i
Allapour -	Εq	Aminagur	<b></b>	X o	Aptha -	R;
Allinagore -	Fo	Aminaigpollan	2	G s	Appoo R	Hb
Alluknundara R.		Amitty	•			
Allumparvé -	B p W r	Amingunge		G <sub>,t</sub>	Aquail -	15
Allinghy -	Ϋ́o	Amittur	•	ib.	_	Hь
Alligunge -	Fq	Aminta	-	Rk	Aramroy -	Le
Alligunge -	P Q	Amlah	-	P 1		M m
Alligunge -	E q G u	Ammercot	-	Hg		Wn
Allingherry	Wp	Amoul	. •	Yo		Mf
Alloor -	Tr	Amoulee	-	Gr	Aracan	No
Allore	No	Amood	-	Li	ARCOT, NABOB of,	
Allung-Cullung		Amoary	•	Om	Terrs. See CARNAT	HC.
Allampour -	O k	Amren	-,	Lf	Arcot	W.q
Allumchund		Amroah	•	Ep	Archachera	Q:
whitehering	* 1 1 8	Amrely	ı <b>=</b>	Mg		Ks
(1)		THE R. T.			Aı	rdin-
	'	1 8				

Ardingay -	Υq	Attoor -	Υo	Baderpour	_	Gp
Ardingay -	Sq	Attegode -	$\overline{R}$ r	Baggor	_	Z I
Ardenelle -	Χ'n	Attyah -	1 6	Bagoncotty		An
Areg, or Areek	QI	Attuck -	Ag	Ragbut		Eo
Argnelore -	Хp		Ag, Cg	Bagiu	-	Gn
Arifala -	Up	AVA, dominions of	f N <sub>2</sub>	Barnira	•	M -
Ariro -	Αq		MÁ	Baguíro	-	Mg
	v q	Ava city -		Bagupour	-	ΜĒ
Arielore -	X q C w	river	N:	BAGLANA	-	0 k
Aridong -		coaft	ر ۽	Lagone	-	Pο
Annkill. See Warang		Avaio -	Sk	B inbelgong	-	01
Arki -	Q٥	Avelim -	S k	Bahoor	-	Χq
Arlier -	Wo	Avin	Χo	Bahatiacally	-	$\mathbf{Z}$ n
Armegon -	T'r	Aumore -	Hz	Bahoo	-	B k
Aince -	Wq	Aulapaladurg	Uρ	Bahugotty	-	C h
Arnce -	Ur	Aurung -	Mt	Bahuna	-	Εn
Arnaul I	Οi	Aurungabad (in the	Deccan)	Bahraitch	-	Fs
Aronce -	Hр	,	Omi	Bahasawanny	-	Hk
AROKHAGE -	Вď	Aurungabad (in Par		Bah .	_	Gp
Arpur -	Ex	Aurungabad (in Par	niab) Ck	BAHAR	_	Нх
Arrivacourchy -	Υo	Aurungpour -	ld	Bahar	_	zb.
Arrah -	Hw	Aurungabunder rive		Baigumgunge		G s
Arrah -	Ha	Aurungabunder	Id	Bain river	-	O s
Artingury -	Żq	Arumoor -	Ρ̈́p	Pain and	-	_
Arucotarara -	Χn		Fs	Bajapour	-	Om
	Hw	Aury -		Bajetpour	**	10
Arval -	Ni	Autarrah -	Нr	Bakipour	•	D g R L
Arzingur -		Auteriah -	Ls	Balegnali	-	RI
Aseergur -	Mn	Authore -	DΙ	Baleapatnam	-	$w_m$
Ashta ·	K n	Awmore -	lz	Baloygunge	-	L r
Λíka -	Ő w	Awatty -	P m	Balode	-	M m
Aflana "-	K q	Ayawaroo -	Τq	Balhary	-	Τn
Afnah -	`I z	Aycotta -	Ym	Balelcroydroo	g	W n
Afnaha -	Lу	Ayempet -	Υq	Ballapour	_	No
Afneah -	lz	Ayturah -	Кz	Ballapatty	_	Uq
Afnabad -	Pn	Azimgur -	Gu	Balliangaut	-	Υm
ASSAM -	G e	Azimpour	- ib.	Ballafur	-	P. 1
Affarpour -	Кe	Azimnagur -	La	Ballowah	-	QI
Affawan -	Сi	Azmerigunge	- I d	BALLOGES	-	Db
Affawully -	T 1	AZUPH DOWLA	H. See	BALLOGIST	ΓΛN, lit	tle En
Affewan -	Gr	OUDE.		Balluan	-	Ĉi
Affeet -	Fq	Azmutgunge	- Iw	Balookan.	_	Bi
Assendi -	Dn		,	Balamgur	-	Ēo
Affid -	Εp			Balfora		Es
Affory -	Gq	В.		Balapour		Fs
Afforrick -	An	,		Balowry "		Ğ
Asta -	QÏ	Baate -	$\mathbf{I}f$	Balguda	- I,	
Aftee -	Mp	Babelga -		Balkissen	, -	Ну
Aftee -	Ön	Babra -	PP		-	Ka.
		w	Lg	Ballitunghy	•	Ka
Affuery -	F p	Backergunge - Bacecosty	- Bo	Balongo Is.	-	0 e
Ataroli -	F P W q			Balbadder	-	Мy
Atcherawauk -	W q	Baccanore -	Ul	Balafore	-	ib.
Atchencoil -	Zo	Badrowly	- Mk	Balluntee	- '	Ny
Atenegal -	₿r	Badgum -	Po	Balarpour	-	Θq.
Athikeera -	Ιp	Badrachillum -	.Q.s	Balgaon	-	O o
Atipalli -	Wo	Baderally -	R I	Ballegam .	*	ik.
Atoni. See Huttany.	المعقدان	Badamgur. See Ba	ndenger. V a	Balaconda	-	Pp.
Atquar -	Rq	Badenahally -	A. W. A	Baloly		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Attacoor	W 4	Badule -		Balkee	-	VQ.o.
Atter -	Xq Bq	Badody -	Εo	Bamancotty	الأرخل أفر الم	Cp
Attong -	. M. h	Badergur -	4.	Bemingola	Series !	Ha
Attore -	Хp	Badthawpour -	Ht	Barniny	144	L.c
•		**	'	1		Ban

						D C		<u> </u>
Bantwa	•	Μf	Barcalore	-	Υn	Beerfingpour	-	Gt
Bancout	-	Ρi	Bareatty	-	$Z_{n}$ n	Beefnah	•	Hp
Banswara	-	Pр	Barbarein I.	-	Cq	Behara	-	Μķ
Bandemgur	•	Rn	Barlepanctote	-	C r	Behat	-	Bh
Band	-	Rο	Barren I.	-	Wg	Behaungur	•	B 1
Bandem	-	S k	Barago R.	•	Sb	Beheruh	-	Bh
Bancapour-Sa	inore	S m	Baronah	-	Pw	Behker	-	F g A i
Bankypour	<b>-</b> ,	Um	Barenda	•	1 x	Behngui	•	
Bangalore	-	U٥	Baffambe	•	Αn	Behrouz	-	Co
Bangarim	•	A l	Baffa Rajpoot	-	Во	Behta	-	Οi
Banfey	-	Fu	Basta Byraghy		ib.	Behat R.	-	Вh
Bangah	-	I e	Bafain	-	Gn	Behut	-	G p
Bandoogur	-	K s	Baibagee	•	Gm	Behut	-	Ηр
Banybumra	-	Мx	Bafra	-	Lk	Bejorah	-	1 d
Banderpol	-	Мy	Basseen	•	Oi	Beilfingur	-	Lх
Banow	-		Bassas, great	-	C s	Beiragur	•	Νu
Banai	•	Ag Bk	- little	_	Ct	Belalgur	-	Ni
Banour	` -	C m	Baffor -		G x	Belaipour	-	Lu
Hangur	_	Εp	Batgao	•	Eχ	Belcofs	-	H s
Ban R.	_	Fn	Batcole		U 1	Relcuchy	•	Ιb
Banikara		Fr	Batacola	-	Bt	Beldeah	-	Iу
Bandeer	_	Hq	Bateena		B 1	Bella	-	Сr
Bandersandry	,	Gm	Batnir		F. k	Belgar	-	Hr
Bangermow	_	Gг	Battlegunta		Υo	Belgram	-	Fr
Baniwaleh	_	Κi	Bate	_	Ĺе	Belnarec	•	Kr
Banjary	_ ~	Кr	Baucotty	_	Bn	Bellepahary	-	Ly
Banwar		Ĺf	Baugpour	_	Ďρ	Beiliah	_	Нy
Bapatla	_	S r	Baungaut	_	ib.	Belluah	_	41
Bar	_	Н×	Baurey		Fs	Belki	_	Мn
Barrafor		Κŵ	Baum	_	Ñq	Belore	•	Pр
Barafet	<u>-</u> _	La	Bauglore -	•	Wo	Belouda	-	Lt
Barrapalong	•	M e	Baunaloor	_	Öx	Belowry	_	Ğу
Barra		Nx	Baumingot	_	Ĺÿ	Belfund	_	Ğx
Barra	_	Hr	Baugnan	_	Ĺх	Beltangady		Wm
B <b>a</b> rai	_	Ch	Bautconda	_	Ĺу	BEMBAJEE	Terrs, of	
BAREE DO	ARAH	Či	Bauleah		Ia	Bemaveram	_	Üq
Barod	TIME	Do	Baudshapour	_	Нu	Penaveram		Ü'n
Baroda	<del>-</del> _	Nq	Baypour	_	Xm	BENARES	_	Hu
Barepulla	-	Eo	Bazar -	_	Dσ	Benares	~	ib.
	-	<b>E</b> .	Bunar	_	Mq	Bendah		Hr
Bartapour Baroud		F	Bazzar	_ '	Ag	Bendalla		Ôm
Barodeana	~	Fa	Bearmah	•	Kw	Bendelly	_	Cs
Baronda Baronda	-	GÎ	Bechia ·	. •	Κo	Benafa	_	Ar
Bardia	•	χì	Bechnah	_	Ls	Bendrabad	T _	Fρ
Baree	-	Ĝр	Beddapollam	-	Ũp	BENGAL	_	Ř.
	-	G s	Beddigam		C's	Beniagunge		Ĝs
Barelly Bardiano	-	I f	Beder	-	V .	Bennyke	. •	G a
and the second second	~	Kr	the sale are as as as as and	-	of the		<b>-</b>	
Barilla Barecah	<b>~</b>	Lk	BEDNORE Bednore	•	υí	Bentot Berapour	·	C q
Barcala	~		Redramangood		Ŭ d	Berdah	_	Ln
Baroach	_	14.5	Beed Beed	uy ,	E#	Bereily		Y A
	-	M		-	Kr	Beridge	-	E q L I
Bargong	-	Nn	Buedagur	•	I u	Derioge	~	Ŕi
Baroogong	-	Pi	Blegygur	•	10	Berie	-	
Barramooty	-		Beegygur	-	Нp	Bermah	•	K, b
Bari	, <del>~</del> ,	R I	Beejypour	-	Hs	Bermya	•	10
Beerihua	ir	Gx	Beehpour	***	Pt	Bernaba	* "	Do
Barcelore	- (A. J.)	all Uni	Beelmal	•	lk	Bernagur	• 4	12
Barriconda	ye 177 Mari	***	Beemah R.	-	Q m	Berondge		***
Barramaul.		ley a	Beerah	<del>-</del> "	Lw	Berowly	1 4 19	**
Vaniamba 💮 🕒	long.	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Beer cool	• '		Berowly	•	THE PARTY
<del></del>			6					Bei-

Berwala	-	Εm	Bifnee	_	Gι	Boothpour	_	Εr
Berfana	-	Fο	Biffary	_	l r	Bopaltol	_	Кo
Beselpour		Gk	Biffoo		Ĺi	Ворага	-	
Befudagung	e _	Кp	Bifloah	-	Fs	Dopara	•	O k
Betah		Lz	Biffore	-	T. S	Bore	-	P 1
Letchee	•	_		-	Му	Borea	-	Ιp
_	-	Rm	Bissowlah	-	Εq	Borefail I.	-	Ιs
Betern	-	Ηu	Biffunpour	-	Κz	Boriah -	•	Dп
Betoor	~	Gr	Biffuntpour	-	Hz	Borrow	-	Gq
Bettamungul	1772	Wp	Billypour	-	Gу	Borudgow	-	Pm
Lettyah	~	Gw	Bittounjah	-	lu	Bory -		Νi
Betwha R.		Ηq	Black pagoda		Оу	Bufotandy	_	He
Beurah	-	Lŵ	Boad	_	Nw	Boudelore		Ϋ́q
Beyah R.	_	Ck	Boanfa	_	On	Boudgong	•	Ιx
Bezoara	_	Rr	Robilee		Pu	Boudhan Boudhan	-	
Bhaiawar		Ĺf	Bocar -	_	Om		•	Mk
Bhakor	-		Bodanda			Bovincoral	-	χo
	-			•	El	Boujepour	•	Hw
Bhartpour	•	Fo	Boden	-	Pр	Bounkee	•	Lx
Bhatter	**	Lg	Bogga	-	Fŵ	Bourasinghy	_	Ρw
Bherwa	•	11	Bogga Chuta	-	G_w	Bourgni	-	Pр
Lhotul	-	Мp	BOGGILCU	ND	I, s	Bowah	-	Fŵ
Bhouferee	_	Qo	Boglipour	-	Ηz	Bowanigunge		Ιa
Bhuder	-	$\mathbf{M}^{T}\mathbf{f}$	Bogmutty R.		Hу	Bowanigunge	-	Gb
Biana	-	G٥	Bogru	-	Сr	Bowanipour	-	Нz
Bibhee	-	Lr	Bojepour		Nu	Bowapeer	_	Mk
Bibigum	_	Eg	Bokira R.	_	Mf	Bowat		Br
Bicangong	_	Lm	Bokinagur	_	Ιc	Bowchagong	_	
Bicholim	_	Sk	Bolee	_	Ιp	Bower .	• .	Q.h
Biccincor	_	Fх	Bolia R.		$Q_z$		•	Dp
Bickaneer	_	Fk	Bolloda	•	K i	Bowly	-	Νq
Biddanore.	See Bedno	A' 15		. 4-1	Pw	Bowmore	-	Нp
Diduanore.	oce beam		Bombally (Sar	ita)		Bowr	-	Gŷ
Bidgerawn	-	Ιο	Bombay	-	Pi	Bowrasta.	-	Ιp
Bidiffur	n	Ŋх	Bombnalli	••	\$1	Bowri -	•	Ιv
Bidzigur or	Beelygur	Iu	Bomel	-	Оp	Boxah	-	Кq
Bigoneah	-	Му	Bominy	-	Ld	Boykunpour	-	$\mathbf{G} \mathbf{a}$
Bikkur	-	Hр	Bomman	-	M f	Boylee	-	Νq
Bilghey	-	T1	Bomrauzpollar	m	Uq	Bozenguere	-	οI
Bilgum	•	Pu	Bonasfyl 7	-	I ë	Bozingur	-	Wp
Biligam	_	Сr	Bondah	-	Нr	Braminabad	_	Ιď
Bilitot	-	Cq	Bondgom	-	M 1	Bramnee R.	_	Мх
Billaigur		Mů	Bongama	-	Gу	Brinjaun	_	A n
Billapour	-	Oi	Bongary	_	Χq	BRITISH PO	0020020	770:-
Bilfah	_	Κo	Bonneguir	_	Qq	Bengal	30250020	
Bimber-Koo	shanh	Bi		district 1	norder.	Circars	-	Iу
Bimlepatam	**********	Qu	ing on the			— Carnatic	-	Pu
Bimnaut	-	Lh	ing on me	HOLER C		- Carnatic	n	Ur
	**		Daniel I		S k	Malabar	Coait	0 i
Bimped	-	Fx	Bontaldrim.		Тp	Brodera	-	Ik
Bimfing	•	Pu	Boodighery	-	Uô	Brodra -	•	Hn
Bimulwilla	-	Qu	Boodicotta	-	Wp	Brokry	•	M n
Binde	•	Gq	Boodge-boodg	e	K f	Bruxe 1.	•	R &
Bindi	-	Ρŵ	Boolbarya	-	1 6	Bucciorferai	-	Gq
Bindkee	-	Gr	Boolecoote	-	N 1	Bucht-Hezary		Сĥ
Binko	-	Nu	Boondy	h-	Hn	Backrah .	•	Gu
Birboom	, ,=	K z	Boorah	-	Pc	Bunkrah	•	Gx
Birchee	📥 in Guntaria	MI	Beorfet	<u>.</u> 1 1 1 1	1	Budayoon	<b>⊸</b> 1	E q
Birikingam	•	Oh	Booradung	· · ·	Ho	Boddakano	- 1958	IŁ
Birkooty		11	Boolnah	_	K &	Budderuck		My
Birackpour	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	fq	BOOTAN		Pz	Buddenpour	الإرادا المكار	Ls
Bisantagan		TY	Bootee		Na	Budderwas	ina jr≠#e : Satilite	
Bifnagur		S ma			M	Tadociwas *	F 11	Ho
mmirker.	~	A 110	Bootgong	-	MA 13	Buddlegunge	1,	H 6
						Tt		Bud-

Buddaul	•	Ηa	Burpudda	_	Му	CABUL		Вď
Budegovia	-	So	Burpahly	_	Мu	CACHAR -		$\mathbf{I}f$
Dudegovia	_	Ĺα	Burrabola*	_	Κo	Cachipermalcon		Χq
Budge-budge	-		Durradota	-	Ηδ	Cackaiah		Ĺw
Budhedah	-	DΙ	Burradirga	•			-	
Budiad -	•	Lh	Burragong	-	Gt	Cader -		Qn
Budneera		Мn	Burragur	-	O w	Caderi .	-	Tp
Budzaw		K f	Burragunge	_	Ft	Cadiapatam Pt.		Ao
Buffaloe rocks		P ~	Burrakeera	_	Мо	Cadrocapechy	_	Хn
		R g I b		-	Кy	Cady -		Rn
Buggoorah	-		Burraboom	-	<u> </u>	Cauy D		
Buggulgow	-	Nm	Burrampour		O x	Caggar R.	-	Εl
Bujana .	-	Lh	Burrampoote	rR.	$\mathbf{G} d$	Cairabad -		Fs
Bukorah	-	Κh	Burraserai	•	Lο	Cakenol	-	Q_p
Bullater -	_	Gu	Burrawny	_	Мn	Calastri -		Uq
Bullauspour	-	C m	Burriage.	See Bahrait	ch.	Cala -		Ao
	-			SEC Damer	La	Calala .		Α ~
Bullauda	-	Lt	Burronhutty	-			•	Αg
Bullepalle	-	Sp	Burrunter	•	I d	Calaceri -		Z,n
Bullolepour		C m	Burwa	-	Ρì	Calara	4	Qq
Bulloah		Lε	Burwa	•	Ny	Calacad -		40
Bulluah	_	G w	Burwa	_	Κw	Calberga	-	Qo
	-	Iu	Burfeeah	_	Κο	Calcheedo		Τq
Bulluary	•			-	IZ O	Calcutta -	•	
Bulrampour	- '	Ft	Burfingpour	-	Κq			L z
Bulrampour	-	Lz	Burteheh	-	Сĥ	Caliapour	-	Lу
Bulfee *	-	Κw	Bury	-	Мr	Calicoote	-	Оx
Butlas R.	_	Ιk	Bu fow ah	•	N m	Calicoulon -		Ζn
		Om	Buffai	_	Ir	Calicut	_	X m
Bumany -	•			_	Îp	Calitoor -	_	
Bummoneah	•	Ĺг	Buffary	•	, P			<u>C</u> q
Bundar	•	Lu	Buffeah	-	Ľχ	Calini R.	-	F q O i
Bundar	<b>~</b> '	Νn	Buffoor	•	Ht	Callian -		Οi
Bundeh Mts.	-	Ρq	Buffanpour	-	I s	Caliance	-	Qn
BUNDELCU	ND	ΗÌ	Buffuah	-	Gu	Calianee -		Pр
Building	. 4.25	Мo	Buitar	_	Μz	Calinatoor	_	Хp
Bunderaje	-			-	Gu	Caliparum -	-	Χ'n
Bunder Larry	•	Ιc	Bustee	-		Camparum .	•	V II
Bundowrah	-	Νr	Butteree	-	_I t	Calingapatam		Pw
Bunduraul	•	Αl	Butty	_	Lg	Calour	-	Rо
Bungong	-	Κæ	Buungerkela	a -	Lw	Callacoil -		Ζp
BUNGUSH	_	Ag	Buxaduar		G b	Callawar		Lf
	_	Mn	Boxah	45	Ht	Callanore -		Bn
Bunjara	•			-	Hw	Callaigoody		7 -
Bunjary	-	Lr	Buxar	-	W 13	Callargoody	•	Zp
Bumnals R.	-	K q	Boxidaily	- ,	Ny	Calleada -		K m
Buntwal	-	WI	Bunygunge	•		Callianpour	-	Fn
Buntwar	-	F't	Byarem	-	Qr	Calliondroog	~	To
Burda R.	_	Np	Byarem		Qŧ	.Callinger -		Hr
Burdee		Ιt	Byarum	_	Qu	Callipour		Pk
	•	T	Diyas Cant	-	77.	Callour	-	Rn
Burdoo	-	Ιx	Byce Gaut	•	DP		~	N D
Burdjee	-	QI	Bydell	-	Ha	Cally	•	Wp
Burdwan	-	Κz	Byganbary	-	Ιc	Callyajuree	•	14
Bureway	_	Uο	* ***	Cote	Hc	Caloude -		P m
	_	Ls	Byga		Jx	Calpenteen .	100	
Burgaut		Mu	Dancongrana		Hz	Calpauny -		d q G Z
Burgur	-	7.7	Bygongong				•	90
Burhai	_	Hs		•	G t		•	G r
Burhanpour	-	Mn	Byraghy	-	Lu	Caliary -		Mg
Burhampour	•	I a	Byferul	-	Hn	Calupar	-	Ζo
Buriah R.	_	Do				Calventura Is.		Ry
Barkee .	_	Нp				Calymere Pt.	-	Ϋ́q
	_	Lm		C.		Cambala Mts.	-	~ 1
Barkuli .	<b>~</b> , ,			~.		Cambana ivils.	· <del>*</del> ,	Ç
BURMAH	•	M×				Cambergam	-	PI
Burnagur	, 1 <sub>1</sub> 🖚 1	H 3	Cabo	+	UI	Camberry	190	Y D
Burnugger	<b>-</b> , ,	₩ &	Caboritor	<b>*</b> •	Qm	Cambay	-	1
Buroda		M n			Wk	gulf o	F "	Mi
Control of Street		. नस्य, प्र	Per	•			-	Ca-
- No. **			4					~~~

		_		TO THE	M A	P.		
Cameredy	-	PP	Carnicobar	I	$\mathbf{Z}f$	Chacki		
Cameran -		Y m	Calongoly		Wr		-	Iу
Camlah	-	Мn	Caroul		Po	Chacultary	-	K y M &
Camlole -		Lk	Carpour	_	χ̈́q	Chagong	-	Μk
Cammaserai	-	Νn	Carree		A I	Chagoola R.	-	Ιc
Camma _		0 %	Carotcotty		An	Chamkah	-	Εg
Campoly	-	Ρk	Carrow	•		Chanda	-	Νq
Campfella.		Pk	Carroor	•	$M_i$	Chandail	-	Ιt
Camvellaw	_	Ğz	Carroor	-	Um	Chandalcotta	-	Rр
CANARA	-	ΤĪ	Carrya	•	Χo	Chandanapond	y	Ο'n
Cananore	_	λm	Carrypour	•	K i	Chandernagore	•	La
CANDAHAR		Вd	CARTINA	מחח	G r	Chandergunge		T. A
Candanada	-	Zn	Cartute	וטט	X m	Chandegheri,	or Kan	degheri
Candaputta	_	Sp	Carunapally	-	Zo			U q
CANDEISH	-	Mm	Carwar	-	$Z_n$	Chandercona	-	Lz
Candi .		Br	Carwaree	-	TI	Chanderee	-	Ιp
Candlah	_	Do	Carwaree	•	Sr	Chandek	_	Ν'n
Cane R.	-	Hr	Carwaree	-	Τq	Chandor _		NI
Cangal	_	Rr	Carygong	-	ΟĪ	Chandore	_	Mk
Canercotta	_	Bo	Caringalam Cashmere.	C 1	A o	Chandpour	-	Dρ
Canhan R.		Ku		See the m	ap, at	Chandpour	_	Κc
Canister Is.	· _	₩ k	page 102.	<b>^</b> .		Changama	-	Wp
Cankanally .		Wo	Cafferbarry	Gaut	N 1	Changaprame		Вy
Canoge -	-		Cafferrah	-	Fo	Changlafee	-	Ĉź
Canooly		Fr N-	Caffergunge	•	Ιc	Chankeer	-	Pĸ
Canol -	-	Nq	Cassumba	-	M m	Chankalamary	_	
Canoul -		Rô	Cataludy	•	X m	Chanmanning		S p C s
Canowly		S p	Cateapully	-	$Q_p$	Channel creek		Ma
Canroody	-	Νq	Catcheedoo	•	T a	Chanyang	_	Pb
Canswah R.		K s	Ca chwana	•	G-1	Challameotally	-	TT
Cantalbary .	• ,	M.f	Catingoor	•	Rq	Chalcounda-	_	Up
Cantap -	•	G b	Catmandu	-	Εx	CHALAWAR	Δ	<i>16</i> . L n
Canuck		Ηk	Catra	-	I r	Chaliscuteli Hi	lle	Di
Cantee -	~	Iu	Cattack	~	Νx	Chalfey .		
Cantee		Оp	Cavantandalu	m	Wg	Chaparo	·	N m
Capelapaire	•	Wq	Cavai	-	$\mathbf{W}$ $\mathbf{m}$	Chaparang	_	Sk
Capilly -		To	Caudamatris	•	Ar	Chappermanda	_	Aq
Capoofe	-	Μo	Caudergunge	-	Εa	Charcolly		Κu.
Caprah -		Fr	Cauvery R.	-	Wn	Charbafs -	-	L¢
Caranjah I.	•	Рi	Caverypatam		Wp	Chargner		G nz
Caragola -		Hу	Caverfundrun	1 -	S'n	Charkeera	_	Оп
Caramnassa R.		Hu	Caugmahry	-	Ib	Charley -	-	Lo
Caranci	-	Хo	Caviconda		Ua	Charmour		M m
Caradoam -		Qα	Caumpelly	-	Qq	Chammah .	•	Nq
Caralicote	~	Pp	Caundapaddy		Xo	Chaynpour		Lo.
Carapatam .	•	Rk	Caunitoor	-	Wr	Chafow -		Hu
Carcal -		Qo	Cautgunge	-	Hx	Chatchar		Gn.
Carcal -		Qq	Cawderchuck	-	Fq	^ -	-	En
Carenave	-	As	Cawnpour	-	Gi	Chatna -	•	I &
Careatty _		Ax	Cayamei	-	Bq	Chatrum		K z
Carba -		Οq	Cayemgunge	**	Fq	Chatran	-	Wo
Carical .	•	Υq	Cayetar		40	Chatroy	<b>*</b> 1	Qø
Carldien		Αq	Cayvaram	**	Üà	Chattel pour	<b>m</b> , 1	1 4
Caringa -		M. q.	Censparam.	<b></b>	WA	Chattibarry	-	K W
Carmoila -	· *	P m	Cetaligui	· ·		Chatteur	***	20
CARNATIC	-	X on	Cercoil	. J	Q <sub>0</sub>	Gatzan		. OP
CARNATIC, NA.	BOB o	F. Mari	Cercal	<b></b>		Chaunky -	18	W. W.
Terrs.	0.5	W.g.	Ceremudge			Chautra	<b>-</b>	***
Carnatic Gur	4.4.		7.11	7	SHOW!	Chayah _	16 4/46	<b>X</b> 4.
Californic Call	-	10	LETTON	-	· •	MI	7	
Carnawi -	* .	Dn	Cerigat CEXLON	<b>-</b>	Yn	Cheduba I.	WHA (	₽∮
	, ,	Dn.	CENTON	**************************************	Yn	Checuba I. Checal T. t. z.	પહેલાં ( <sub>ક</sub> ો *	

Cheera -	Κο	Chirkooty -	Sr	Chunaab R Bi
	Hx	Chircumally -	Rг	Chuna Gaut - H p
Cheeran -	Кe	Chirkoury -	Ρq	Chunar Gur - H u
Cheego-Muddi	ib.	Chitapilla -	Τp	Chuncher - It
	Fr	Chitchura -	M s	Chundula - K t
Cheetapour -			Kw	Chunnapunnah K q
Cheitore -	HI	Chitchelee -	7. W	
Chejou -	C m	Chitel -	M g K k	
Chelum R	Bh	Chitpour -	KK	Chuppara - Lr
Chemorchy -	Gδ	Chitpour -	Mg	Chuppaleah - Ib
Cheneroypatam	Wn	Chitma -	Lt	Chuprah - Hw
Chenipollam -	Tr	Chitteput -	$\mathbf{W}_{\mathbf{q}}$	Chuprah - Gw
Chepauny -	Lo	Chitteldroog -	Uñ	Chuprah - M m
Chercot -	Ro	Chittergur -	Ох	Chura - Lh
	Χq	CHITTIGONG	Le	Churacooty - My
Chercouchy - CHERICA. It borde	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Chittimoty -	Za	Churacooty - Ly
CHERICA. It bord	CLR ON	Chierran	Ϋ́ο	Churamond - Ha
the north of COTIC	TE.	Chittoor -	Üq	
Cherowly -	G.q	Chittoor -	υq	
Cherki -	En	Chittra -	Ιw	Churcar - Ke
Cherugatta -	Υn	Chitwa -	Ym	Chury - Ki
Cheticolon -	Хp	Choarypol -	Χo	Chuíka - Dy
Chetigua <sup>2</sup>	$\mathbf{Y}^{\mathbf{T}}$	Chobra -	Hx	Chuta Nagpour K
Chetia -	l w	Chocbar -	Ηd	Chutcah - F a
Cheturgow -	ΟĪ	Chodacut -	Gx	Chutterkote - H s
Chewny -	Lo	Chogda -	Κa	Chutteah - K x
China de hours	Ψĭ	Chogong -	Ιb	Chuttypaloo - ib.
Chiandeghery	Si	CHOHÂN RAJAH	Ŕŧ	CHUWAL - Kh
Chiamkan -		Cholese	Pk	Chychendy - Gr
Chiblone -	Qk	Chokee -	Lh	
Chicar -	Ng	Cholimbeser -		
Chicaur -	W q G b	Chomlah Mts.	Fα	
Chichacotta -		Chonday -	Мn	Cibulon - Da
Chichalapour -	Uο	Choorhut -	It	CICACOLE - Pu
Chichery -	Κw	Choramba -	Рh	Cicacole - Pw
Chickley -	M m	Chornah -	Ια	CINNAMON TRACT Br
Chilka lake -	Оx	Choudagong -	Κd	Ciopra - Ex
Chilkore -	Ιz	Choudapilly -	Рp	CIRCARS, NORTHERN
Chillambrum -	Χq	Choukary -	Hs	Pu
Chillumcaal -	Τp	Choukee Mts.	$\mathbf{F} d$	Cirvalla - Sp
	Ûΰ	Chaulney -	Хp	Ciucior - C'à
Chilongery -	H b	Chonmundaly -	Lo	Clayandy - Yo
Chilmary -	Qr	Chourapilly -	Üρ	Coacher - Hw
Chimillyconda		Channan	Lq	Coadlatoor - Ap
CHINA -	H.I	Chouragur	Lr	Coorier
Chinabackeer -	Rε	Chowry -		
	~		~ ~ ~	Coanjong - Qb
Chinampet -	$Z_p$	Chowara -	Gu	Coanjedla - Qr
Chinampet - Chinampet -	Ųq	Chowara - Chowle -	G u P i	Coanjedla - Qr Coaf <i>courchy</i> - Yp
Chinampet - Chinampet - Chinchicam -	U q R n	Chowara - Chowle - Chowka -	Gu Pi Lo	Coanjedla - Qr Coascourchy - Yp Cochin - Zn
Chinampet - Chinchicam -	U q R n P o	Chowara - Chowle -	Gu Pi Lo Iq	Coanjedla - Qr Coafcourchy - Yp Cochin - Zn COCKUN. The fame as
Chinampet - Chinchicam - Chinchouly -	U q R n P o	Chowara - Chowle - Chowka -	Gu Pi Lo Iq Hr	Coanjedla - Qr Coafcourchy - Yp Cochin - Zn COCKUN. The fame as CONCAN.
Chinampet - Chinchicam - Chinchouly - Chinchelly -	Uq Rn Po On	Chowara - Chowle - Chowka - Chowka - Chowny -	Gu Pi Lo Iq Hr Hw	Coanjedla - Qr Coafcourchy - Yp Cochin - Zn COCKUN. The fame as CONCAN. Cocos Is Tf
Chinampet Chinchicam Chinchouly Chinchelly Chingalamoty	Uq Rn Po On To	Chowara - Chowle - Chowka - Chowky - Chowfar -	Gu Pi Lo Iq Hr Hw Kz	Coanjedla - Qr Coafcourchy - Yp Cochin - Zn COCKUN. The fame as CONCAN. Cocos Is Tf Codagunge - Fq
Chinampet Chinchicam Chinchouly Chinchelly Chingalamoty Chingonga	URPORO PORO NA	Chowara Chowle Chowka Chowka Chowny Ckowiar Chowta	Gu Pi Lo Iq Hr Hw Kz	Coanjedla Qr Coafcourchy Yp Cochin Zn COCKUN. The fame as CONCAN. Cocos Is. Tf Codagunge Fq Codaly Rk
Chinampet Chinchicam Chinchouly Chinchelly Chingalamoty Chingonga Chingleput	URPOTY.	Chowara Chowle Chowka Chowka Chowny Ckowiar Chewta Chabonian	Gu Pi Lo Iq Hr Hw Kz	Coanjedla Qr Coafcourchy Yp Cochin Zn COCKUN. The fame as CONCAN. Cocos Is. Tf Codagunge Fq Codaly Rk
Chinampet Chinchicam Chinchouly Chinchelly Chingalamoty Chingonga Chingleput Chinna Balabaram	URPOT NEU	Chowara Chowka Chowka Chowny Chowfar Chowta Chabonian Chuckerya	Gu Pi Lo Iq Hr Hw Kz Ms	Coanjedla - Qr Coafcourchy - Yp Cochin - Zn COCKUN. The fame as CONCAN. Cocos Is Tf Codagunge - Fq Codaly - R k Codameamally - Yp
Chinampet Chinchicam Chinchouly Chinchelly Chingalamoty Chingonga Chingleput Chinna Balabaram Chinnanah	URPOTY A	Chowara Chowle Chowka Chowka Chowny Chowfar Chewta Chabonian Chackerya Chuckrabatta	Gu Pi Lo Iq Hr Kz Ci Ms	Coanjedla - Qr Coafcourchy - Yp Cochin - Zn COCKUN. The fame as CONCAN. Cocos Is Tf Codagunge - Fq Codaly - R k Codameamally - Yp Caddarama - M i
Chinampet Chinchicam Chinchouly Chinchelly Chingalamoty Chingonga Chingleput Chinna Balabaram Chinnanah Chinnanah	URPOTNA DA U	Chowara Chowle Chowka Chowka Chowny Ckowfar Chewta Chabonian Chackerya Chuckrabatta Chuckgroo	Gui Pio Iqr Hwz Ci Ms Lt Ck	Coanjedla - Qr Coafcourchy - Yp Cochin - Zn COCKUN. The fame as CONCAN. Cocos Is Tf Codagunge - Pq Codaly - Rk Codameamally - Yp Caddarama - Mi Codelki - Rm
Chinampet Chinchicam Chinchelly Chinchelly Chingalamoty Chinganga Chingleput Chinna Balabaram Chinnanah Chinnarah Chinnaraud	URPOTNIC AUL	Chowara Chowle Chowka Chowka Chowny Chowta Chewta Chabonian Chackerya Chuckrabatta Chuckgroo Chumarty	Guioqui Hrw Kris Kris Cks	Coanjedla - Qr Coafcourchy - Yp Cochin - Zn COCKUN. The fame as CONCAN. Cocos Is Tf Codagunge - Fq Codaly - Rk Codameamally - Yp Caddarama - Mi Codelki - Rm Codjeedeep I Ma
Chinampet Chinchicam Chinchouly Chinchelly Chingalamoty Chingonga Chingleput Chinna Balabaram Chinnanah Chinnanah Chinnarah Chinfura Chinfura Chintalpollam	URPOTNIKU AULR	Chowara Chowle Chowka Chowka Chowny Ckowiar Chowta Chabonian Chackerya Chuckrabatta Chuckgroo Chumarty Chumbul R.	GPLOQUE HWZI	Coanjedla - Qr Coafcourchy - Yp Cochin - Zn COCKUN. The fame as CONCAN. Cocos Is Tf Codagunge - Fq Codaly - Rk Codameamally - Yp Caddarama - Mi Codelki - Rm Codjeedeep I Ma Codour - Ro
Chinampet Chinchicam Chinchouly Chinchelly Changalamoty Chingonga Chingleput Chinna Balabaram Chinnanah Chinnanah Chinnuy-Arcaud Chinfura Chintalpollam Chintapilly	URPOTNAU AULRR	Chowara Chowle Chowka Chowka Chowny Ckowfar Chowta Chabonian Chuckerya Chuckrabatta Chuckgroo Chuckgroo Chumarty Chumbul R. Chumka	GPLIGHT HWZI	Coanjedla - Qr Coafcourchy - Yp Cochin - Zn COCKUN. The fame as CONCAN. Cocos Is Tf Codagunge - Fq Codaly - Rk Codameamally - Yp Caddarama - Mi Codelki - Rm Codjeedeep I Ma Codour - Ro Coël - Fp
Chinampet Chinchicam Chinchouly Chinchelly Chingalamoty Chingonga Chingleput Chinna Balabaram Chinnanah Chinnanah Chinnarah Chinfura Chinfura Chintalpollam	URPOTNAU AULRR	Chowara Chowle Chowka Chowka Chowny Ckowfar Chowta Chabonian Chuckerya Chuckrabatta Chuckgroo Chuckgroo Chumarty Chumbul R. Chumka	GPL OPTH WZI MELK MGGWW	Coanjedla Qr Coafcourchy Yp Cochin Zn COCKUN. The fame as CONCAN. Cocos Is. Tf Codagunge Pq Codaly Rk Codameamally Yp Caddarama Mi Codelki Rm Codjeedeep I. Ma Codour Ro Coël Pp Coenaker Ds
Chinampet Chinchicam Chinchouly Chinchelly Changalamoty Chingonga Chingleput Chinna Balabaram Chinnanah Chinnanah Chinnuy-Arcaud Chinfura Chintalpollam Chintapilly	URPOTNAU AULRR	Chowara Chowle Chowka Chowka Chowny Ckowfar Chowta Chabonian Chuckerya Chuckrabatta Chuckgroo Chuckgroo Chumarty Chumbul R. Chumka	GPLIHWZILKH KCI MGGWWX	Coanjedla Qr Coafcourchy Yp Cochin Zn COCKUN. The fame as CONCAN. Cocos Is. Tf Codagunge Fq Codaly Rk Codameamally Yp Caddarama Mi Codelki - Rm Codjeedeep I. Ma Codour Ro Coël Fp Coenaker Ds Coguir
Chinampet Chinchicam Chinchouly Chinchelly Changalamoty Chingonga Chingleput Chinna Balabaram Chinnanah Chinnanah Chinnarah Chinfura Chinfura Chintalpollam Chintapilly Chintamypet	URPOTNIKU AULR	Chowara Chowle Chowka Chowka Chowny Ckowfar Chowta Chabonian Chuckerya Chuckrabatta Chuckgroo Chuckgroo Chumarty Chumbul R. Chumka	GPL OPTH WZI MELK MGGWW	Coanjedla Qr Coafcourchy Yp Cochin Zn COCKUN. The fame as CONCAN. Cocos Is. Tf Codagunge Pq Codaly Rk Codameamally Yp Caddarama Mi Codelki Rm Codjeedeep I. Ma Codour Ro Coël Pp Coenaker Ds

			4	
Cohary river -	Gp	Commerputa -	Сc	Coolpahar - Hq
COHÉSTAN	C m	Comni -	Τq	Coolybunia - Kx
Coidure -	χq	Comole -	Li	Coolynorcha - Nf
Coilandy -	Χm	Comorin Cape -	Ao	Coomtah - Mr
Coillee -	$\mathbf{G} \mathbf{x}$	Comfey -	Um	Coomtah - T1
Coilpetta -	Zo	Consnore -	$Z_p$	Coonaterra - Y n
Coilurepet -	Хp	Conalore -	wq	Coondapour - U1
Coilurepettah -	Zo	CONCAN -	Qk	Coondabarry - M1
Coimbettore -	Χo	Conchon -	Ha	
Cojapour -	Gu	Conchanagur -	Ld	
Col -	Sk		R s	Coontah . My
		Congcoal -		Coopah - Gu
Colair lake -	R <sub>,</sub> s	Concul -	D <sub>p</sub>	Coopachitty - Xo
Colaircotta -	ıb.	Condala -	Qr	Coopilly - Pw
Colamungulum	Υo	Condully -	Mq	Cooreah - Fr
Colangorda -	Υn	Condalavery -	Po	Coorfah - Gb
Colapelly -	Qq	Condanore -	So	Coorung - Iy
Colapelly -	Rr	Condanore -	Rο	Coos-Beyhar - G &
Colapour -	Νp	Condapilly -	Rг	Coolerah - Hx
Colar -	UP	Condapour -	Кp	Cooferynagur - I q
Colarus -	Ho	Condavir -	Rr	Coofmah - Iu
Colavery -	$\mathbf{Z}_{n}$	Condaramarla	Up	Coofumbah - M1
Colbanayer -	Ρo	Condel -	SI	Cootally - Ap
Coleche -	Δo	Condeligourki -	Uο	Cope - Yp
Coleapol -	Ly	Condour -	Υq	Corah - Gr
Colgong -	Нy	Condour -	Up	Corallum - Qt
Colgu -	Wm	Condolory -	Po	Corallya - Kc
Colinda -	Ld	Condoyouah -	Μέ	Coram - Dm
Collabegoon -	N;	Condemun ago	So	Coramba - K w
Collabaug -	Ϊo	Condurpatty -	Un	Corampour - En
Collacood -	Qr	Condyeura -	Ιc	Cordevanputty Yo
Colladicooda -	Υ'n	Congar -	Po	
Collewah -	Μź	Consonaules	0 ~	
	Ber 45: 10	Congapaukoo	Q q X o	
Collispauk -		Congayempaliam		Corera - Mf
Colliwilly -	A r	Conghé lake -	A s	CORGA - Wm
Colly-nuddy -	Fq K &	Congong -	$\mathbf{I}f$	Cori - Fo
Colnah -	N. 0	Conguntia -	To	Coriangunge - Fp
Coloal -	W I	Conijedla -	Rr	Corinattum - Xo
Coloum <i>aser</i> -	Yр	Coniwaugh -	Q.b	Coritapetty - Zo
Colourpour -	Kr	Conjeah -	Lb	Cornogal - Ar
Colour -	Un	Conjeveram -	Wq	COROMANDEL X r
Colour -	Rr	Conjimere -	Wr	Corritachitty - Yq
Colovety ~	Χo	Conka -	Τq	Correan - Kr
Columbo -	· Bq	Connagoody -	Υp	Corunkeer - No
Comade -	Μí	Congiacombri	Αo	Coronum - Pw
Comargong -	Ια	Connigurry - '	Qr	Cortale - X m
Comarecali -	La	Confumah -	Hø	Corry ~ ib.
Combam -	Sq	Conta -	L y	Cofa R Fy
Combamet -	Qq	Contay -	Μz	Cofaifurar - No
Combiconum -	Υq	Contalagur -	Ha	Cofaliurar - Nq Cofmin - R b
Combonore -	WP	Conyouwali -	Mi	Cospour - Ie
Comeer -	Fo	Conyouwah -	0 6	Cossaijura - Lz
Comerla -	Τp	Coogreet -	Mw	COSSAY - L#
-	25	Coohoor -	Мp	Cossepary - X q
Comery -	Z p K b	Coolabba -	Pi	
Comercally -	A #			
Cometta -	S P	Coolair -	Tq	
Comiliah -	K d	Coolangee -	w p	Coffimbazar - Land M. I. a.
Comingig +	20	COOLIES. Freeboot		Coffimcotta - Qu
Comisserra -	Hu	the north of the My		Coffipour Dq
Commendagur -	Εp	Coolog	N.x	Cotapar - S q
**		•	4.1"	Cota

Cotapatam -	Ζq	Cudapanattam	Uр	Cutchnor - Ip
Cotate -	АÔ	Cuddalore -	Χq	Cutchubary - G'c
Cote Coffim -	. Eo	Cuddapa -	Тp	Cutgurra - Lt
Coteen -	Тp	Cudgwah -	Gr	Cuthni - Er
Cotemul -	$\mathbf{B}^{\mathbf{r}}$	Cudoogal -	Rр	Cuthur - Mh
Cotiara -	A s	Cudwah -	Kd	Cutkurry - It
I :: 1	Pk	Cudruah -	Ĺ k	
Cotlah			Ku	Cuttack - N x
COTIOTEE. It b		Culdumery -		Cuttagallu - T p
the north of Carti		Culna -	Ka	Cuttera - Eq
Cotour -	Wр	Culna -	I. 6	Cutterya - I ŷ
Cotputli -	Fn	Culloor -	Q r	Cuttiparah - My
Cotra -	Рø	Culloor -	Rr	Cuttore - Mi
Cotta -	Rо	Cullumbaum -	Υo	Cuttree - Hx
Cotta -	Хm	Culpatty -	Χn	Cuttupdeah - Md
Cottacotta -	Sq	Culpy -	La	Cuttarmungulum Ap
Cottacotta -	To	Culwara -	Mr	Cutwa - Ka
Cottapatam -	Τr	Cumarya -	Li	Cutwara - Gs
	To	Cumbermere -	йì	
Cottapilla -			Fk	Cutteragurra - W p
Cottapilla -		Cummao -	_	
Cottapollam	- Pū	Cumrai -	lr	
Cottapollam -	Rг	Cundamahully	W m	D.
Cottapollam .	U p	Cundamangalum	Χq	
Cottapoloor -	Ur	Cundera -	Ρk	Dabenkanoo - H m
Cottaleveru -	Ta	Cundola -	Lg	Dabogya - G q
Cotteput -	Хp	Cundoor -	Rr	Dabul - Qi
Cottilah -	Fo	Cundwah -	Нy	Dacca - K.c
COTTIWAR	Мg	Cundwah -	I r	Dacca - Gx
Covanare -	Zp	Cungwar -	Ер	Daccapilly - Rq
	Wq	Cummana	Хp	Dackowny - Ip
Coveripauk -	, W 4	Cungovella -	A. P	
Covelong -	Wr	Cumajah -	Lu	Dadari - En
Coveriporum -	Хo	Cupperwange -	Lk	Dadary - E o
Coulam -	$A \circ$	Cuppurteah -	CI	Dagfal - Cn
Coulan -	An	Curchi -	G x	Dagurer - Oo
Coulaigur -	Wq	Curcumbaury -	Uq	Daipilly - Pu
Coultichi -	Вs	Curcunda -	Qr	Daifoor - Wq
Connda -	Rq	Curegonpal -	Sq	Dalamow - Fs
Coundour -	Sē	Currah -	H s	Dallamow - Ly
Conrgegur -	- Un	Curraly -	ib.	Dalmacherry - Uq
Courtallam -	Yр	Currambos -	Εp	- Paffes. They
Courtallam	- X p	Curringunge -	12	are three in number, near
Coutoor -	Zo	Curro -	Ρk	the town of that name.
Cow I.	Žq	Carrowly -	Ōì	Two of them land to Mr.
Cow river	A F	Currockdeah -		Two of them lead to My-
	, 12 T		ÌУ	fore: and the third to
Cowkparah -	Ly U1	Curruckpour' -	Нy	Cuddapah.
Cowlydroog	- 01	Currumfully R	Le	Dallycotta - Yo
Cowyat -	M &	Currumpoody -	Rq	Dalmow - Gs
Coyeah -	Fr	Carruak -	K s	Damapetta - Qs
Coyle R	Lx	Carlo -	M u	Damapoury - Pq
Coyr -	Q p	Curtchavid -	S q	Damaraupet - Og
Corrials -	Mr	Curtelly -	M s	Damaraupet - O q Damaun - N i
Cranganore -	F m	Curiwar -	En	Damerlapaud - Sq
Craor -	00	Curwan -	Mk	Damicotta - X n
Cravatore -	ib.	Carya -	Es	Damisierla - To
Crimal -	Q s		Há	
Croondah -	~~~	Curygong -		Dammoo - Mi
	Om	Cushancollam -	ΖŖ	Damnal - Sn
Crotchey -	Ic	Cuftee -	КZ	Damoony - Kq
Cucula •	Rq	Cutarya -	Rg	Damcot - OE
Cuckeree -	Iř	CUTCH -	1.24	Damra - Yp
Cadaly -	Mh	Curch gulf of -	Lo	Damforg - Fa
* = 1	( ) ( tru)		1	Dan-

D. 1	-	1	_		
Danda -	Dп	Dchnee -	Сg	Dewree -	Lr
DANDAR -	Ιk	Dehily -	Lf	Dewry -	Lr
Dander -	1 w	Dekhan -	CI	Dewrya -	Mt
Dangee Praw -	$M_i$	Delawar	- Nf	Dewfor .	Мu
Dantoon -	Lz	Delbatta -	Qi	Dharamfaleh -	
Daogaut -	Fw	DELHI			B s
Daogadt -			- Eo	Dhoolpour -	Gр
Daoudanagur -	Hw	Delhi -	<i>16</i> .	Dhoopour _	Ηn
Dapette -	Qo	Dellamcotta	- Fa	Dibdonda -	Рo
Dar, or Dhar Fort.	The	Dely -	N m	Dickvel -	Ďr
position of it is unce	rtain :	Demalcolta -	Sp	Didiconda -	To
but it is known to be		Denavaca	- Ur	Didwana .	Fm
46 miles of Ougein.	.4 7 674117	Deneacolly			
To miles of Ougeni.	<u> </u>		La	D <sub>1</sub> g -	Fo
Darracoote -	Οw	Denebue -	$Q_i$	D <sub>1</sub> g	Αh
Darrah -	Ιz	Denkina	- Wo	Diggy .	Μt
Daranduk -	Ρo	Denfarai -	Fρ	Dignagur -	Κz
Daraporum -	Υo	Deogur -	Gp	Dilla Mt.	WI
Dara Keclah -	ıb.	Deogur	- Iy	DILZAT ROY Terrs	. T's
Daraveram -	To	Deogur -	Mq		
Darbel -	Gf		IVI q	Dimál -	Qъ
		Deopour -	lý	Dimmoody R	Fl
Darempoury -	W p	Deolary	- Eq	Dinagepour -	Ηæ
Daried -	Qr	Deony -	Rn	Dincole -	ΜŁ
Darinngur -	Dp	Deorbedga	- M s	DINDIGUL -	Y o
Darmadijira -	Αr	Deorcodra -	RΡ	Dindigul -	
Darore -	Ρn	Deorlagur	- Ro	Dioly -	Y p P k
	Ιc	1) and any		Dioly	
Darraway -		Deotan -	Om	Din Pt.	Nf
- river	1 d	Deounella (birth		Dia I.	Ng
Dariug -	Mt	Hider Ally)	ΰ	Divincili. See Deou	nella.
Darwar. Supposed to	be fi-	Depah -	Lz	Divy Pt	S s
tuated between Mane	lapour	Depatla -	Uр	Donicah -	L-e
and Hubely, and		Dergong	- 14	Dosrfinny -	Ly
Edoar -	Rm	Derriabad -	Ğ.	Dobygur -	w q
		Deriabad	- Fr	Dobygur	77 · ·
Dary -			- T.	Doefah -	Кx
Dafonkar -	O ö	Derry -	Мg	Dogon -	Rż
Datha -	H e	Defburriah	- Mi	Dojon -	Хp
Datta -	Mh	DESERT of Ag	imere Fh	Doley -	Iz
Datteah -	Hр	DESERT of N	MOULTAN	Doldogam -	₽÷
Daubaw -	Lo		Di	Dolla -	Ri
Daudpour -	Кb	Devalcotty	- An	Dollopattagam -	Ar
Daum name	Ñy	Devalcotty -	Во	Dombacagam -	Mi
Daumnagur -	14 y			Dombes -	
Dawapour -	Hr	Devicotta	- X q	Domback R	N e
Dayl -	14	Devidan -	Y ō	Dommary -	Pq
Dehalpour -	Di	Devipatnam	- Zp	Donah	Ok
Dehalpour -	C k	Deviryconda.	- Rq	Donderiky -	O n
Debalpour -	K m	Deulgong -	Nn	Dondigul -	W.Qp
Debarry -	Nn	Deuprag	- Cp	Dondrahead -	$\widetilde{D}$ r
DEB-RAJAH -	Fc	Deutan -	Nm	Donduca -	Li
DECCAN -	Nm	Dewad	- J, k		Мq
		Mar. 14 mm martin		Dongartal -	
DECCAN, SOUBAH			lame with	Dongong -	Lu
Terrs	Qn	the Gogra R.		Dungow -	Pb
Deccan-Shab -	Lc	Dewalgong	- Nn	Dongree -	Нp
Deckanpour -	Lo	Dewan	- Li	Dongrine '-	8-1
Deckeral -	My	Dewancole	Mu	DOOAB -	Fip
Deckshan -	Ln	Demangunge .			400
The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	4 11 2	Dewagange	4.0 m 2	Diorizyour -	
		Time		Titlescore of the	The Later of
Decurchatts -	TO (5	Dewanterai	** ***********************************	Doomah -	23 (LLED)
man in a relia contra		Deptar -	-	Doomah	A SECTION
Degligi -	<b>一个</b>	Dewrighera	- In		
Degourpur -	8.7	Dengawry	were to trade M.E.	Doorygant 2	G'u
Dehatya -	P 5	Dewgur -	24	Dooweor	1 11 11
- Contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of		<del></del>		A Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Comp	Dorazy

Dorazy -	Lf	Durfurry	-	Gх	Enapour		R 1
Dornal -	Тq	Durmsalah	_	Сo	Encatram	_	Οq
Doudcandy -	Κċ	Durrampour		l z	Endapilly	_	Qt
			-			-	υ°
Doudpour -	G t	Durranneah	**	F's	Endapour	-	
Douë -	Εo	Durrole	-	Lf	English Baza	r -	Ha
Doulah -	Q1	Durya	-	Hу	Ennore	-	Ur
Doula Bassendar	D's	Duryapour	-	Gu	Ennow	-	Gr
Doumangur -	SI	Durfunny	_	Kr	Epour	_	Q1
Doumangui	Sq	Dufara	_	Кg	Erach		Zp
Doupar -	3 q		-	77. g		_	7 1
Dourwara -	Μr	Duffaun R.	•	lq	Erachetty	-	Ζō
Dowdand -	Ιz	Dutcy	•	Mg	Erammo	-	Le
DOWLATABAD	P 1	Dyalla .	-	M 1	Erasmus Mt.	~	Αr
Dowlatabad -	O m	Dyhinda	_	Νo	Erilpaal	-	I b
Downapour -	Нa	Dynapour	_	Хх	Erroad	-	X٥
Downdekario -	Gr	20 J 1.up. us			Erotah	_	Хn
Down Carro	ői					<del></del>	Mk
Dowraligow -			7		Efarbary	~	
Dowrapilly -	Qu		E.	1	Riau-Kan	-	Dk
Dowrya -	Gw				Espera R.	-	$\mathbf{Z} 1$
Dowry -	Lr	Earoor	•	Хq	Etah	_	Fq
Drangdra -	Lh	Eatt	-	Γŝ	Etaveram	-	$\mathbf{Z}_{\mathbf{p}}$
Drapajoodpour -	Lf	Ecdalla	_	Нs	Etayah	_	Gq
Diapajooupour -	Ř s		•	lw	Etchauk	_	Ιx
Dua -		Ecmangung	-			•	Fx
Dubba Fettee R.	_I c	Econah	-	Hr	Etonda	-	FΧ
Dubelly -	Ηz	Ecpol	-	Ar			
Dubhoi -	Lk	Ectowah	-	Нr			
Duboda -	Κk	Edalli	-	Νo		F.	
Duckinseek -	K d	Edghir		Rо			
Dukee -	Вe	Edgong	_	Μe	Faas	_	01
			-	М'n	Falour G.	-	čî
Dudagam -	Pq	Edilabad	-			-	Ç i
Dudawanum -	Αõ	Ednagur	-	00	False Pt.	-	Ny
Dudgullow -	Q t	Edoar	-	R m	Faranagur	-	Rρ
Dudypalla -	lu	Eemleah	-	Ιt	Fargaum	-	PΊ
Dulabary -	Ιa	Egorapan	-	7' I	Faridabad	-	Εo
Dumdah -	M s	Eiljapour	_	Рn	Farognagur	~	ib.
Dumow -	Ιr	Ekilgow	_	OI	Farfidunga	-	G a
Dummoodah R.	Кz	Elaw		Мi	Fattalagung	•	Eq
_			-	Zo	Pattaragung	<b>-</b>	E
Dumnagur -	Мр	Elaour	-	20	Fattipour	-	Fm
Dumnah -	_I y	Elchi	-	RI	Fattipour	- ,	Fp
Dumroy -	Hw	Eldourty		Qp	Fattipour	<b>*</b>	G x
Dumroy -	Kc	Biephant M	It	C s	Fatiabad	-	DI
Dundapour -	Gу	Eletur	-	Rг	Fatiabad		Εn
Dunda Rajpour	Ρí	Elevoneah	-	Uο	Fatiabad	_	Fρ
Duncore -	Εo	Elgandel	_	Pq	Fatty Kan I	Jurash	
	Dr	Ellaconda		Sp		- u. & u	C g L k
Dundrahead -			•	D D	Fazilpour	-	L K
Dungergur -	M s	Elledat	~ TTD	B r	Fettee R.		·K c
Dungerpour -	Κk	ELLICHPO	OUR	0 0	Firozeabad	401	F p C k
Dungham -	, Id	Ellichpour	-	Мp	Firozepour		Ck
Dunna -	E y	Ellomamew	<i>-</i>	Ph	Firozepour	<b></b> )	Ep
Duplala -	Ak	ELLORE	<b>.</b> , .	R s	Firozepour	_	Fn
Duntarpour -	C m	- Hilore		ø.	Fironz	_	Ek
Dunteewara -	MI k			To	Fizegunge	-	Ε̈́q
	G a				Trizeguilge	~ 4782737 <b>7</b> 1	,
Duntola -		Elmunchill	y -	Qu	FIZOOLA	G <i>ANY 1</i> 4, 1	
							ib.
Dunwah -	Ιz	Elora	-	O m			
DURANNIES. T	I z he fame	Elora Eloremow	**	Um	Foolpour	- '	Hu
Dunwah DURANNIES. T with the ABDAL	I z he fame I.f.	Elora Eloremow	w. w	U m S q	Foolpour Fornical	- '	
DURANNIES. T	I z he fame I.f.	Elora Eloremow Emilipata		U m S q	Fornical		H u So
DURANNIES. T with the ABDAL Durapour	Iz he fame LL. N x	Elora Eloremow Emilipata Emmilee		U m S q H s	Fornical Fortified I.	oree	Hu So T1
DURANNIES. T with the ABDALI Durapour Durbunga	Iz he fame Li. N x	Elora Eloremow Emilipata Emmilee Emnabad		Um Sq Hs	Fornical Fortified I. Fort St. Ge		Hu So Ti Ur
DURANNIES. T with the ABDAL Durapour Durbunga Durgapour	Izhe fame Li. Nx Gy	Elora Eloremow Emilipata Emmilee Emnabad Emodus I		Um Sq Hs Qo	Fornical Fortified I. Fort St. Ge Fort Willia		Hu So Tl Ur La
DURANNIES. T with the ABDALI Durapour Durbunga	Iz he fame Li. N x	Elora Eloremow Emilipata Emmilee Emnabad		Um Sq Hs	Fornical Fortified I. Fort St. Ge	m i	Hu So Ti Ur

			•		~ ~ •		
Friar's-hood	- Bs	Gaufwanny		**	~ .		
Fring, vpet -	WI	Gaut Mtc.	•	Ηo	Gohana	•	Εp
Fringybasar	- K c	Gawile	-	Rk	Gohud		Gp
Fullertol -	Er	Gawiah R.	-	Мо	Golah	•	Κ×
Fulta _	Ĩ.a	Camanan K.	•	Er	Golamary	•	L y
Fultawariy	- G z		-	Ηо	Golapilly	-	Rq
Furridpour .	* G2		-	Ιx	Golapilly	-	Sq
Furruckabad	Εq	Gaylah	-	Fu	GOLCON	DA .	Řр
Furruckabad	- F q	Gazredeen		Εo	Golconda		Qр
Futtigur _	- I z	Gazypour	-	H s	Col	old (O)	
Russimann	Fq	Gazvpour	•	Hu	Golerampi	lly	14,
Futtipour _	. II s	Geerar	-	Νq	Golgam	, -	Q, q
Futtagunge	Gt	Gegadivy	_	Wp	Golgam	~	Pp
FUTTY SING	<i>GUICUAR</i> .	Grge	-	$Z_n$	Gollapollu	_	11 5
See page caxv		Gehanpenns	a	E o	Golohama	01	Ŗ,
rutwa _	Н×	Geharconda	_	Мо	Golobgung	;e -	Į,
Fygurcara .	- Nn	GEHKERS		akares.	Gomany	•	Ly
Fyzabad -	Gt	Geligonda	. occ x		Gomaun M	lts	C n
		Geluda	-	Şq	Gomgah	-	Lu
		Genapilla	-	Fi o	Gomnialpa	r -	Sq
G.		Gendur	-	T q	Gompchei	_	Еř
•		Centur	-	Qn	Gomrapon	dy 💄	Ur
Gaderow -	M	Gentemanite	our -	Χq	Gomut Per	eree	01
Gaderow's Choultr	Mg	Gentiah	• ,	H e	Gonanpilly		Rs
Gadibunda -	y Y q	St. G.orge	-	Υq	Gonary	-	Tn
	ប្រឹត្	St. George's	: I	S k	Gondwara		Ĥz
Gaganagurra -	Wp	St. George's	Channel	Bg	Gondicotta	_	37 m
Gagaimpar -	وي	Gereek.	-	Ηx	Gonjenpilly	,	Y p T r
Gajara -	Hp	Germadhoo	-	Ln	Gonor		
Gajeram	- Qs	Ghelfipour	-	Hn	Gonia	-	Ηq
Galgala -	Rm	Ghergong	~	Gf	Gonra	•	Bí
Galle Pt. de	· · · · · · · · · · · · · · · · · · ·	Ciberiah .		R.k	Gontapilly	•	H s
Galliany _	Pp	Ghiddore		Ϊŷ	Gonwa		Q.
Gallomew	- Qi	Ghirnah R.	_	Nm		. •	. Li
Gandgourly -	PP		See the m	74 MT	Good-water	1	$\mathbf{Z}_{P}$
Gandhar -	G'n	102.	nee the H	uap at	Goodalore	- <del>-</del>	7. ~
Gandicotta	- Tp	Giddatoor		<b>`</b>	GOODIER	S. A peop	le who
Ganegam	Cr	Gierga	~	Qt	occupy	the lide c	of the
Ganeygong	- Pi	Giornahaa	Can Cata	L z	Ganges	opposite	Rohil.
Cangacotty -	Bn	Gigarchee. Gikri	Sec Sgiga	irchee.	cund.		F.
Gangalagutta	$ \mathbf{R}\mathbf{q}$		-	G1	Goodingary	-	Ao
Gangapatnam	J, 4	Gilmarguey	-	00	Goodoor	-	So
Gauges R. head		Gingce	~	Wq	Goodoor	-	Qq
	Aq	Ginipaliagar	um	X n	Gool R.	-	Mm
Gangotri -	A.c	Ginnish	~	Li	Goolapilly	*	Wp
	Αn	Girar	* · ·	"I q	Goolgunge	•	
. Cangpour	- Lw	.Giti	- Hy 3,1	Aq	Goomah	The Alek	
Gangud -	Li	Gitpour	• ,.	Fw	Goomgong	-	Mq
Ganjam .	Q x	Goa	•	S k	Goomerpour		Hi
Ganor	Do	Goalparah	٠ - ١	Gc	Goompina		~ ·
Genfigui .	- On	Gocey	•	Gu	Geomty R.	-	G's
Ganuara -	Qр	Goculgur	-	Ρp	Goondillype	lia -	Wn
Gaovan -	Po	Godara Gan	<b>:</b> -	L'n	GOONDW	ANALI	N/ II
Garda -	P w	Godavery riv		Ρq	Gnondwanal	Ada.	Мр
Gardone	Pl	me me		Rt	Gooparnow	. 174£54 .	L p
Garba R	Gn	Godra	1 1 1 10				ř
Garracoury -		Gpelwarah	1 1 1 1 1	600 Jan 1	Copygonge		4
Garrider .		Gegary	15 Maria		Georgepour		a An
GARROWS -		river		10.00	Goorah	N. 18	Gs
(sary -		3 47 49	111		Goorah	- 4	° politics
Garkela					Goorfyah	1	A k
GAUR. See map at	Mark 1 Am	Gogoromow		L	Goorunty	a the state of the	· Ox
	hotern:	Cohana	لأنه ودعو ♥	D n		a wind of	Atq
					Uu		Göp.
		2					

Gootoka -	Lt	Gummurges			I talitaun 💎 🦠	•	C r
1700ty -	So	Gumplegood		Qr	Hallegandh:	-	II e
	K 6	Gumicor	,	() W	HALLIAR	•	Lg
Gopaulgunge -	ĸ.	Gundar	_	_	Hamapet -		Υğ
Gopalnagur -	Ĥ o	Gundavee .			Hamapatti	-	2.6
Gopalpour -	K i		•	Me	Hamed		Fr
Gopalpour		Gundavow	•	Mg	Handya		G p
Gopalpour -	K r	Gundell	•	O K		•	Xq
Gopchin -	₽`s	Gundewah	•	Qb	Hanepari	•	Ĺk
Goperapilly -	Qq	Gundiaw	-	1 d	Hanoie	-	
Gora -	Ag	Gundigul	•	R s	Hanouta	-	Fρ
Gora -	ļt	Gundilipally	•	Хn	Haniquar	-	G a
Goragot -	H b	Gundocr	-	R s	Hanioot	•	Μi
Gordy gong -	Lr		-	Τq	Happer	-	Εp
Goriatum -	Wp	Gunduck R.	-	G₩	Hargur	-	Iu
Gorka -	E w	Gunganar	-	Ul	Harlia		Rφ
	Fo		_	Te	Harowly	•	Εp
Gorka -	170	Gungaveram	•	ΰi	Harriorpour		Fx
Gorpeta -	N q	Gungolee	-	I s		_	Ĝ s
Gorinah -	Le	Gunjew	-	Lk	<u></u>		Мy
Gorna	1 w	Gunleeah	• .		T.T	•	Hw
Gofaypour -	Ηt	GUNTOOR	-	R r	Harriergunge	-	
Gofgar -	Dο	Guntoor	•	sb.	Harrichunder	-	Q k
Gossauird -	Сg	Gurewar	•	Ft	Hassengur	-	Еo
Gottaul -	Lz	Gurga	•	Iu	Hateoule	-	Gх
Gotteni -	R I	Gurhady	•	Мy	Hatin	-	Εo
Govandal -	Ĉ k	Gurmacktishe	r	Εp	Hatta	•	I t
	Fo	Gurmada	•	Sp	Hattanudda	•	Μw
Goverdan -	Gu	Germah		Iz	Hatteenoo	_	Mg
Geverdan -				L.c	Hatteri		FF
Governdungurry	TI	Gurnady	•	ir	Hattiah I.	_	Ĺà
Govery -	Q s	GURRAH	**	Kr	Hautchella	<b>-</b>	Йò
Govinpeur -	lх	Gurrah	-	7.AL		•	Ms
Goulamconda	So	Gurramconda	*	Up	Hautdobé	-	Wi S
Goulargaut -	Сp	Gurrood		lu	Hautgur	•	Q x
Goulkoun -	R I	Gurry-Mundl	a <u>b</u>	K r	Hautimabad	•	Εp
Goulour -	Sm	Garfenry	•	Kч	Hautindar	•	CI
Gour ruins -	Ia	Garloot	•	K m	Hazalpour	•	Ln
	Ro	Geroza		R 's	Hazeratnagui	,	Dq
Gourgouty -	Qo	Gustan		Ah	Hebbore	-	Uõ
Gourmungul -	Wi	Gatigui	_	Rn	Heerapour		Ιq
Gourpour -	1 w	Office Co.		8 m		•	Lr
· Gow -	10	Gatterana	_	Mr	1		Mk
Gawgat	F p	Gentura	• ,	Ĝí			Ro
Geurah -		Gurymary	•		Helawak	-	Qk
Gourey -	Fr		-	Į u		~	Ğî
Giaen -	Q	Guzelhatty	. •	Хn	Helfautgunge	•	
"Grammum -	Wn	GUZERAT	-	Lh	Helpitin	•	G r
Grenier Mts	و سق	Guzgetty	- '	H &	Hemynpour	•	G r
Groapwaught Pr.	L g	Gwalior	-	· Gp	Heran R.	•	K r
Gruapet -	, U a	Gyalgur		Mo	Herapour	•	Nm
Cubinager	40.			1 4 1	Herpett	-	<b>U</b> q
All submers	Art Har	1 11 11	1,6 :	the Some	Hofferzh		P m
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	04.0		H.	Fleeth an	Hevilkalerai		M n
					##batpour		C k
Godjara	***	TI_C		E q	Hierapollam		Šq
Guineara -	L			K b	Hieracura	-	20 7
Gujurat -	В	i Hajygunge	. *			_	Rq
Gullabgunge -	X.		•	D f			7.7
Gullapaloor -	Q	r Hajykan Ch	okey	Dg		No.	Um
Gullipanaig -	<b>2</b> .0	Jajypour	, 1	BI		, -	Un
Gulma -	1.10/ <b>©</b> (	2,	~	H m		•	H×
Camiopilly -		8	-	HX			D w
Gamipollam -	17	3	-	K h			E 2
ALMIAN PLANTER	'	•			* *	•	Him

Himmutnagur - Gz	Hattoosh -	Нs	Janmier - M.	ŧ.
Himrana. See Nunrana.	Hyat .	Ro		
flindan R Do		V 0	Januna - N	ą
	Hyatnagur -	Qр	Janfi - H	P
Undenny R Tn	Hyatpour	Ha	Janteca . S	Ľ.
Hindia - Go	* Hydaspes R.	Αi	Jarampour - C	n
Lo	Hydergunge -	Ft	Jarbarry - II.	
Hinjia - Pl	Hydergur -	G s		
Hiralt Um		ΰi		y
Hirria - Er	Hydershi -	0.7	largong - L:	
		Qя	Jarou-Sanpoo R. A	S
W M I W I	Hydrabad -	He	Jarpour - On	n.
Histar - D.m.	-	Qр	Jarra - H	t
Hitchendery - Gz	* Hydraotes R.	Q p B k		t
Hobibgunge - Kc	Hyjamanny R.	Ιc	Jafingpour - G	
Hogenpour - Um	* Hyphasis R	C k	JATS country of F	
HOLKAR, Terrs. of K. m.	/ [	~ ~		Ų.y
Flonanulia - S m				
			Jaujesmow - G	r
Hoogly - La	I.		Jauldoe - K	y
	* * *		Jaulnoh - O	P1
Hoolfury - Qo	Jabolpour Gurrah	K. s	Javerda - Q	O
Hoorel - Fo	Jacktal -	Pq	Jayes - G	
Hooringotta R. Mc	Jaculgong .	Po	Jaynagur - K	
Hordy - On	Jadopour -	K b	<u> </u>	
Hofangry - Ul	Jael -	Fm		V
Exchangey - OI	Jaffierabad .			Х
Flosepour - Gw	Jameraoad .	L d	Jaypour - O	
Hofticarpour - C1		Ng	Ider - K	k
Horkota - Pk		N n	Jebhan - A	1
Hossamally - Li	Jaffergunge -	K b	Jehanabad - H	12
Hoffaree - Ul	Jaffnaputam -	Zr	Jehaoul - C	
Houchong - Ig	Jagarnaut pegoda	Оу	Jejuara - G	
.lisamenara -	JasiHIRE, Balladie	Com	Intelahed 12	љ -
	PERY'S -		Jelalahad - F	q
		77,2	- <u>G</u>	;\$
Hubely - RI	Jagopour -	Gis	H,	
Haddlegus - Mw	jagreh -	F1	Jelalpour - H	*
Huldibarry - Gu	Jaharumpilly -	Po	Jelaul - A	h
Huldipookra - Ly	Jainad -	P, O	Jella - P	b
Heldcoah - Fp	Jalalpour -	Do	Jeliantra - O	
Hullesh - It	Jalalabad -	ib.	Jellafore - M	
	Jalemgary -	R o		
Humagur - Lg	JALLINDAR -			P
		C1	Jellinghy - I	
Hunary - Pi	Jallindar -	ib.	R K.	
Hungtong - 1 b	jalloo -	Dp	Jelloud - G	٠t
Hennouar - Wm	Jaiona -	GA	leimore P	V
Hardah - Lo	alour -	Hk	Jeipesh " G	ż
Hordwar - D.p	Jamed F.	B.h	Jelpesh G. Jenspetta X. Jensei L	Š
	amboo -	L-h	Jengi - L	ç
**************************************	Jambuddeak -	Lz	JENHAT DOABAH B	:
	James Labor	17.2	JENYERAL DURDAR D	ı
Harruh - , F.p.	Jamdro lake -	D.c	Jenjapour - G	7
Hurryal - 16	Jameipour -	E	Jenjian - C	12
Murrydurp Gaut. It lies on	jamgong -	Q1	Jennidah - K.	
ithe SE of Ryacotta WP	April 15 malfrey printers are marked again and	O n	Jeraghi - Ku	
Florfalo - G1	famoorgong -	Nn	Jerdecker R G.	Ĺ
Hieffeingunge - Pq	ampour	Ih	Jeffelmere - F.	
	jamulmuraeg -	T.s.	G.	
The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	Albegar .	T.	G. C.	2
		72	Table .	<b>P</b>
Hulfan Shab Dirgah	, languira	* 17.	.277	
Highwa -	Merger	T	Jespour -	ĭ
Hurino R.	3882 arrabad	, M. p	ligat Point	ž.
Ilhecani +	faniscopet -	, Dyma	igguroon -	į
Burnh - Fr	janickrour -	, Q y	Jigni	ì
Market and the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the s	A		Uez ]iu	_
ı				

Lahore	- Bh	Lonhanko	-	K &	Magame - C't
Lahore -	ib.	Loonpour		Lg	Maganore - X p
Lahorey	- 01	Lopary	-	Ht	Magaperam - Sq
Lajapour -	Mi	Lorah	_	Ιu	Mageeyong-collaw O;
Laidalla	- Pq	Louar	_	Po	Magegown - Qi
			-	Êο	Mago - Cs
Lalada -	Qq	Louny -		17	Magracotta - Yn
Lalcotta	- R p	Lawcooty		Нy	
Lali -	Bs	Lowdehah	-	H s	Magua - Q.p
Lalpet -	Wq	Lowrey	-	Нr	Maguliaconda - U o
Lalfoond -	Gn	i owyah	•	G w	Mahacondapally Wo
LAMA, country	of Dc	Lucca R.	-	Bf	Mahamundela U q
Lamcané -	Q b	Luchnow pass	-	M s	Mahanuddy R. Nw
Lamentung	- Č.	ĥills	-	ib.	M t
Lampacan	- B.1	Luckercoot	-	LI	Mahanada R Ga
Lampichileon	- So	Luckia		Fw	- N w
Langur Mts.	. E a	Luckiduar	_	ĜЪ	M t
Lanké lake	- Ār	Luckinpour	<del>-</del>	Ku	Mahandpour - Ip
-		Luckinpour	<b>10</b>	Pw	
Laour -	Hd	Luchinpour	<del>-</del> ,		
Laraputten	- Rk	Luckipour	**	Lb	Mahefra F n
Laroah -	Mk	-	-	Lε	Mahmoodabad - Li
Larry Bunder	_ Ic		-	G b	Mahmudpour - K b
Laffa -	Ć ∠ C ∠	Lucknadang	-	Lr	Mahoba - Hr
Laffour .	- Om	Lucknow	***	Gs	Mahomdy - Fr
Latour -	1b.	Luckour	-	K. s	Mahomedabad G u
Langeon	- Ig	Luckumry	•	Ig	Mahony - Ks
Laura -	Gใ	Ludhana G.		Ĉĩ	Mahowly - Fr
Laurow -	Ιp	Lunawara	_	Kk	Mahrajegunge - Ga
Jaulon -	- Ix	Lundley	_	P b	I w
T ask			-		MAHRATTAS. See the
Lechwar -	Iy,	Lungpour	•	M z	names of the feveral Chiefs:
Leda -	Mw	Langry	•	Nz	
Lekinpour	- Ny	Luseenuh	_		
		Z	_		Paishwah, Sindia, &c.
Lepeinga -	M u	Luteefgur	•	Hu	Mahrauzgur - W p
Lepeinga Lepra Lankeng	Mu Ed	Luteefgur Lu.eree	•		Mahrauzgur - W p Mahudwah - N g
Lepra Lankeng Lethers	M u E d M u	Luteefgur	•	Hu	Mahrauzgur - W p Mahudwah - N g Mahur - I s
Lepra Lankeng Lethers	Mu E∂ Mu - Lh	Luteefgur Lu.eree		Hu	Mahrauzgur - W p Mahudwah - N g Mahur - I s
Lepra Lankeng Lethers Limbry	Mu E∂ Mu - Lh	Luteefgur Lu.eree	 a.	Hu	Mahrauzgur - W p Mahudwah - N g Mahur - I s
Lepra Lankeng Lethers Limbry Lindeal	Mu Ed Mu Lh Sp	Luteefgur Lu.eree	 4.	Hu	Mahrauzgur - W p Mahudwah - N g Mahur - I s O p Mahurry - K u
Lepra Lankeng Lethers Limbry Lindeal Lingapour	Mu Ed Mu Lh Sp	Luteefgur Lu.eree	 4.	Hu Ai	Mahrauzgur - W p Mahudwah - N g Mahur - I s - O p Mahurry - K u Maimbaya - O b
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly	Mu Ed Mu Lh Sp Op	Luteefgur Luteree	a. -	Hu Ai	Mahrauzgur - W p Mahudwah - N g Mahur - I s - O p Mahurry - K u Maimbaya - O b Maiffey - G x
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Lourdega	Mu Ed Mu Lh Sp Op	Luteefgur Luteree  Maa Maattan	<b>a.</b>	Hu Ai Qp Gy	Mahrauzgur - W p Mahudwah - N g Mahur - I s O p Mahurry - K u Maimbaya - O b Maiffey - G x Makerdur - I o
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Lourdega	Mu Ed Mu Lh Sp Op	Luteefgur Luteree  Maa Maa Maattan Macherry	<b>A.</b>	Hu	Mahrauzgur - W p Mahudwah - N g Mahur - I s O p Mahurry - K u Maimbaya - O b Maiffey - G x Makerdur - I o Makcoada - I s
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Lourdega Lepon	M E M L D P P O W L S O T V X	Luteefgur Luteree  Maa Maattan Matherry Macherla	<b>4.</b>	Hui	Mahrauzgur - W p Mahudwah - N g Mahur - I s - O p Mahurry - K u Maimbaya - O b Maiffey - G x Makerdur - I o Makcoada - I s MAKRAN - E c
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Logradega Lingum Logran Logum	Muduh ppowi	Luteefgur Luteee  Maa Maa Maattan Macherry Macherla Machiawara	a.	HA OG RO	Mahrauzgur - W p Mahudwah - N g Mahur - I s - O p Mahurry - K u Maimbaya - O b Maiffey - G x Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Lourdega Lingum Logom Logur Lobari Napaul	Mudul pp powi	Luteefgur Luteres  Maa Maa Maattan Matherry Macherla Machiawara Machua	A	HAA OG ROHE	Mahrauzgur - W p Mahudwah - N g Mahur - I s - O p Mahurry - K u Maimbaya - O b Maiffey - G x Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o Makerdur - I o
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Lourdega Lepun Logum Logur Logur Logur Lohari Napaul Loharcana	MEMLSOTK Fib.	Luteefgur Lutees  Maa Maa Maattan Matherry Macherla Machiawara Machua Mackredypet	<b>4.</b>	HA OG RCHP	Mahrauzgur Mahudwah Ng Mahur Is Op Mahurry Ku Maimbaya Ob Maiffey Gx Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Loardega Lethen Legon Logur Lohari Napaul Loharcana Loharoo	MEMLSOTK X. F. M. o	Luteefgur Luteefgur Luteefgur Luteefgur Maa Maa Maattan Matherry Macherla Machiawara Machua Mackredypet Maconia	<b>4.</b>	HAA OG ROHPO	Mahrauzgur Mahudwah Ng Mahur Is Op Mahurry Ku Maimbaya Ob Maiffey Gx Makerdur Is Makeoada MAKRAN Ec Malaac MALABAR COAST Ym Malapour Re Malavilly Wo
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Lourdega Lemun Legom Logur Logur Lohari Napaul Loharcana Loharoo Lohorpour	MEMLSOTK F. b. or	Luteefgur Luteefgur Luteefgur Luteefgur Maa Maa Maattan Matherry Macherla Machiawara Machua Mackredypet Maconia Maculpa	<b>4.</b>	HA OGRACHPOT	Mahrauzgur Mahudwah Ng Mahur Is Op Mahurry Ku Maimbaya Ob Maiffey Gx Makerdur Is Makeoada Is MAKRAN Ec Malaac Ki MALABAR COAST Malapour Malavilly Wo Malcapour Malcapour
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Lourdega Lemun Legona Logur Lohari Napaul Loharcana Loharoo Lohorpour Lohry	MEMLSOTKE F. F. F. F. F. F. F. F. F. F. F. F. F.	Luteefgur Luteefgur Luteefgur Luteefgur Maa Maa Maattan Macheria Machiawara Machua Mackredypet Maconia Maculpa Madbah	<b>4.</b>	HA OGRACHPOFF	Mahrauzgur Mahudwah Ng Mahur Is Op Mahurry Ku Maimbaya Ob Maiffey Gx Makerdur Is Makeoada Is MAKRAN Ec Malaac Ki MALABAR COAST Ym Malapour Malavilly Wo Malcapour MALDIVE ISLANDS head
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Lourdega Lonar Logur Lohari Napaul Loharcana Loharoo Lohorpour Lohry Lokohar	MEMLSOTX F. B. F.	Luteefgur Luteefgur Luteefgur Luteefgur Maa Maa Maattan Macheria Machiawara Machua Mackredypet Maconia Maculpa Madbah	<b>4.</b>	HA OGRACHPOFFS	Mahrauzgur Mahudwah Ng Mahur Is Op Mahurry Ku Maimbaya Ob Maiffey Gx Makerdur Io Makeoada Ia MAKRAN E c Malaac Ki MALABAR COAST Malapour Malayour Malcapour MALDIVE ISLANDS head of
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Lourdega Lemun Legom Logur Logur Lohari Napaul Loharcana Loharoo Lohorpour	MEMLSOTK F. b. or	Luteefgur Luteee  Maa Maattan Macherry Macherla Machiawara Machua Mackredypet Maconia Maculpa Maddiguer	<b>4.</b>	HA OGRACHPOFFS	Mahrauzgur Mahudwah Ng Mahur Is Op Mahurry Ku Maimbaya Ob Maiffey Gx Makerdur Makeoada Is MAKRAN Ec Malaac Ki MALABAR COAST Malapour Malayour Malayour Malcapour MALDIVE ISLANDS head of Malecotta
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Lourdega Lour Logur Lohari Napaul Loharcana Loharoo Lohorpour Lohry Lokohar Lohry Lokohar Lohazar	MEMLSOTK F. F. F. F. F. F. G. G.	Luteefgur Luteee  Maa Maattan Macherry Macherla Machiawara Machua Mackredypet Maconia Maculpa Maddiguer		HA OGRACHPOFFSG	Mahrauzgur Mahudwah Ng Mahur Is Op Mahurry Ku Maimbaya Ob Maiffey Gx Makerdur Makeoada Is MAKRAN Ec Malaac Ki MALABAR COAST Malapour Malayour Malayour Malcapour MALDIVE ISLANDS head of Malecotta
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Lourdega Legun Logur Lohari Napaul Loharcana Loharoo Lohorpour Lohry Linkohar Lohoga Lohorg	MEMLSOTX F. B. F.	Luteefgur Luteefgur Luteefgur Luteefgur Maa Maa Maattan Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara Machiawara	<b>4.</b>	HA OGRACHPOFFSGO	Mahrauzgur Mahudwah Ng Mahur Is Op Mahurry Ku Maimbaya Ob Maiffey Gx Makerdur Io Makcoada Ia MAKRAN Ec Malaac Ki MALABAR COAST Malapour Malapour Malapour Malcapour MALDIVE ISLANDS head of Malecotta Zn Maleghery W o
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Lourdega Lour Logur Lohari Napaul Loharcana Loharoo Lohorpour Lohry Lokohar Lohry Lokohar Lohazar	MEMLSOTK FF FGGOOT	Luteefgur Luteefgur Luteefgur Luteefgur Maa Maa Maattan Macherry Macherla Machiawara Machua Mackredypet Maconia Maculpa Maddiguer Maddee Maddelan	<b>4.</b>	HA OGRACHPOFFSGOO	Mahrauzgur Mahudwah Ng Mahur Is Op Mahurry Ku Maimbaya Ob Maiffey Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Makerdur Is Malaac Is Malaac Is Malapour Malapour Malapour Malcapour
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Lourdega Legun Logur Lohari Napaul Loharcana Loharoo Lohorpour Lohry Linkohar Lohoga Lohorg	MEMLSOTA TAREFFEGGERE	Luteefgur Luteefgur Luteefgur Luteefgur Maa Maa Maattan Macherry Macherla Machiawara Machua Mackredypet Maconia Maculpa Maddiguer Madee Madee Madelan Madenally		HA OGRACHPOFFSGOOR	Mahrauzgur Mahudwah N g Mahur I s O p Mahurry Maimbaya Maiffey Maiffey Makerdur Makerdur Makerdur MakarAN E c Malaac MALABAR COAST Malapour Malavilly Malcapour Malavilly Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Lourdega Legon Logur Lohari Napaul Loharcana Loharoo Lohorpour Lohry Lokohar Loldong Lolgunge	MEMLSOTA TAREFFEGGERHU	Luteefgur Luteefgur Luteec  Maa Maa Maattan Macherla Machiawara Machua Mackredypet Maconia Maculpa Maddiguer  Maddee Maddiguer  Madee Madeelan Madenally Madore	4.	HA OGRACHPOFFSGOORW	Mahrauzgur Mahudwah N g Mahur I s O p Mahurry Maimbaya Maiffey Makerdur Makerdur Makerdur MakarAN E c Malaac MALABAR COAST Malapour Malavilly Malcapour Malavilly Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Lourdega Legon Logur Lohari Napaul Loharcana Loharoo Lohorpour Lohry Lithohar Loldong Lolgunge Lolgunge	MEMUSOLVE F. F. F. F. F. F. F. F. F. F. F. F. F.	Luteefgur Luteefgur Luteefgur Luteefgur Luteefgur Maa Maattan Matherry Macherla Machiawara Machua Mackredypet Maconia Maculpa Maculpa Madoliguer Madee Madeeally Madore Madoocarry	<b>4.</b>	HA OGRACHPOFFSGORWY	Mahrauzgur Mahudwah N g Mahur I s O p Mahurry Maimbaya Maiffey Makerdur Makerdur Makerdur Makardur Malac MAKRAN E c Malaac K i MALABAR COAST Y m Malapour Malavilly Malcapour Malavilly Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour Malcapour
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Lourdega Legon Logur Lohari Napaul Loharcana Loharoo Lohorpour Lohry Lithohar Loldong Lolgunge Lolgunge	MEMUSOLXIA F FEEGGGEHHGX	Luteefgur Luteefgur Luteefgur Luteefgur Luteefgur Maa Maattan Matherry Macherla Machiawara Machua Mackredypet Maconia Maculpa Maculpa Maddiguer Madee Maddelan Madenally Madoocarry Madras		HA OGRACHPOFFSGORWYU	Mahrauzgur Mahudwah N g Mahur I s O p Mahurry Maimbaya O b Maiffey Makerdur Makerdur Makerdur MakarAN E c Malaac MAKRAN E c Malaac MALABAR COAST Y m Malapour Malavilly W b Malcapour MALDIVE ISLANDS head of Makeghery Maleghery Malicurginagur Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malighery Malikery Malikery Malikery Malikery Malikery Malikery Malighery Malikery Malikery Malighery Malikery Malighery Malikery Malighery Malikery Malighery Malikery Malikery Malighery Malikery Malikery Malighery Malikery Malikery Malikery Malighery Malikery
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingapour Lingapour Longur Logur Lohari Napaul Loharcana Loharoo Lohorpour Lohry Lindong Loldong Lolgunge  Lolpour Lohpour Lohpour Lohopour	MEMUSOLKI F. F. F. F. F. F. F. F. G. G. E. H. H. G. X. S. F. F. F. G. G. G. E. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. F. G. G. G. F.	Luteefgur Luteefgur Luteefgur Luteefgur Luteefgur Maa Maa Maattan Matherry Macherla Machiawara Machua Mackredypet Maconia Maculpa Maculpa Madolguer Madee Madeelan Madeelly Madore Madoocarry Madras Madroo	4.	HA OGRACHEOTESGORWYUW	Mahrauzgur Mahudwah N g Mahur I s O p Mahurry K u Maimbaya O b Maiffey G x Makerdur Makerdur Makerdur Malaconda K i MALABAR COAST Y m Malapour Malavilly Malcapour Malavilly Malcapour Malecotta Of Malecotta Malecotta Malecotta Malecoy I Malighery Malighery Malighery Malighery Malighery Malikery Malkar Q o
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Lourdega Lemn Logur Lohari Napaul Loharcana Loharco Lohorpour Lohry Linkohar Lofbazar Loldong Lolgunge  Lolpour Lohpour	MEMUSOLXIA F FEEGGGEHHGX	Luteefgur Luteefgur Luteefgur Luteefgur Luteefgur Maa Maattan Matherry Machiawara Machiawara Machiawara Machiawara Maculpa Maculpa Madolguer Madee Madee Madee Madeeally Madore Madore Madore Madore Madore Madore Madore Madore Madore Madore Madore Madore Madras Madroo Madugar		HA OGRACHPOITSGOORWYDWG	Mahrauzgur Mahudwah N g Mahur I s O p Mahurry K u Maimbaya O b Maiffey G x Makerdur Makeoada Makerdur Malaac K i MALABAR COAST Y m Malapour Malavilly Malcapour Malavilly Malcapour Malecotta Of Malecotta J n Malecotta J n Malighery Malighery Malighery Malikery Malkar Malkar Q o Malkapour
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Lourdega Lepon Logur Loharcana Loharco Loharcana Loharco Lohorpour Lohry Likohar Lofbazar Loldong Lolgunge  Lolpour Lohpour	MEMUSOLKI F. F. F. F. F. F. F. F. G. G. E. H. H. G. X. S. F. F. F. G. G. G. E. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. F. G. G. G. F.	Luteefgur Luteefgur Luteefgur Luteefgur Luteefgur Maa Maattan Matherry Machiawara Machiawara Machiawara Machua Mackredypet Maconia Maculpa Madolguer Madee Madolguer Madore Madoocarry Madore Madoocarry Madora Madoocarry Madras Madroo Madugar Madura		HA OGRACHEOTESCOORWYDWGZ	Mahrauzgur Mahudwah N g Mahur I s O p Mahurry K u Maimbaya Maiffey G x Makerdur I s Makerdur Makeoada MAKRAN E c Malaac MALABAR COAST Malapour Malavilly Malcapour Malavilly Malcapour Malecotta I s Malecotta I s Malecotta I s Malecotta I s Malecotta I s Malecotta I s Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingumpilly Lourdega Lemn Logur Lohari Napaul Loharcana Loharco Lohorpour Lohry Linkohar Lofbazar Loldong Lolgunge  Lolpour Lohpour	MEMUSOLKI F. F. F. F. F. F. F. F. G. G. E. H. H. G. X. S. F. F. F. G. G. G. E. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. G. G. G. F. H. H. G. X. S. F. F. F. F. F. F. F. G. G. G. F.	Luteefgur Luteefgur Luteefgur Luteefgur Luteefgur Maa Maattan Matherry Machiawara Machiawara Machiawara Machiawara Maculpa Maculpa Madolguer Madee Madee Madee Madeeally Madore Madore Madore Madore Madore Madore Madore Madore Madore Madore Madore Madore Madras Madroo Madugar		HA OGRACHEOTESCOORWYDWGZ	Mahrauzgur Mahudwah N g Mahur I s O p Mahurry K u Maimbaya Maiffey G x Makerdur I s Makerdur Makeoada MAKRAN E c Malaac MALABAR COAST Malapour Malavilly Malcapour Malavilly Malcapour Malecotta I s Malecotta I s Malecotta I s Malecotta I s Malecotta I s Malecotta I s Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour Malicapour
Lepra Lankeng Lethers Limbry Lindeal Lingapour Lingampilly Lourdega Lepon Logur Loharcana Loharco Loharcana Loharco Lohorpour Lohry Likohar Lofbazar Loldong Lolgunge  Lolpour Lohpour	MEMUSOLKI F. F. F. F. F. F. F. F. G. G. EH. H.G.X. S.	Luteefgur Luteefgur Luteefgur Luteefgur Luteefgur Maa Maattan Matherry Machiawara Machiawara Machiawara Machua Mackredypet Maconia Maculpa Madolguer Madee Madolguer Madore Madoocarry Madore Madoocarry Madora Madoocarry Madras Madroo Madugar Madura	<b>4.</b>	HA OGRACHPOITSGOORWYDWG	Mahrauzgur Mahudwah N g Mahur I s O p Mahurry K u Maimbaya O b Maiffey G x Makerdur Makerdur Makerdur Malaconda K i MALABAR COAST Y m Malapour Malavilly Malcapour Malavilly Malcapour Malecotta Of Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta Malecotta

Mallown	~	Ιp	Manilla -		Τo	Mauncore - K.7
Mallyne	•	Fr	Manimbodu	_	Χq	Maundar - Lz
Mallycor	-	Υo	Maniniungalum		Wr	Maundygaut - Ep
-	-	Yр	Manoor -		Ϋ́o	
Malacr	-	DΊ	Mancorgudy	_	Υq	
Malonevina	-	Z. p	Manoogur -	-	οq	Mauphaze Bunder P w
M. Loud		Öź	Manorcotta		Zo	Mauripadoo th
Malear			Manore -	-		
Majory	_				Q i	Mayapour Kw
Winipuddy	-	· · · · · · · · · · · · · · · · · · ·	Manorpour	•	Fn	Maydooh - L.
	-	16.	Manot -		O٥	Mayem - Oi
Malparty	-	A r	Manpour	-	Ιu	Meachegong Ob
Malphora R.	-	R m	Manpurry -		Fq	Meaoom - I.k
Maltoy	•	Mp	Maniaroar L.	•	Αř	Meahgurry - N m
Malvana	-	G q	Mansurcotta -		Ox	Meaking - Mr
MALWA	•	K, m	Manua -		Mb	Meambolangam O :
MALWANS	-	Sk	Manwas	_	It	Meamoy - M 4
Mamalagery	-	20	Manzorah R.	_	Pn	
Mamanardy		Z p	Maradecanum		Ρw	
Mamaracpou	r .	. lu	Marattour	_	R.	
Mamdabad		Fq	MARAWARS	-	Žp	
Mamenda	_		Marella		ت <u>ه</u>	MECKLEY - 18
Manacoody	_			•	Sq	Modama ' Br
Manal).	-		Mariarchy -		A o	Medampe - Bq
Manally	-	Rn	Maricolum	~	Ϋ́n	Medipilly - Sr
Mannacote	•	k r	Marie -		Ip	Meendoor - Rr
Manamangul	nur	Z n	Maripondy	-	Sq	Meergunge - Ht
Manapar	•	Υp	Maro -		R &	Meerjaserra - Ha
	•	Ap	Maroo -		L t	Meertah - GI
Manaperi	**	Υ'n	Martaban	•	R/	Meerzaw or Merjee T 1
Manur I.	•	7. q	St. Martin's Is.	-	Ne	Megna R Kc
MANARA	zulf	n grand 🕉	MARWAR, o	r. P	QQD-	Mehem - En
Manboom		Хy	POUR -	4 4	"Gk	Mebindry R. Ki
Manchul	***	Hk	Masaibpet	_	Qp	Mehitpour - Di
Mandapour	•	Rm	Mafan -		Fw	Mehantpour - Ip
Mandavce		Oi	Mascall I.	_	Md	Mehantpour Ip Mel I X A
P124114411-1-1	_	Mk	Masiorah -	•	H.x	
Mandegele	_	Ct	Masulipatam	_	R s	
Manuegers	_	Йi		-	Hn	Melconda - Qo:
Mandelgue	~	Po	Matgar -		H LL	Meliapour Co
Mandery	•		Math -	•	Fp	Mellone or Mettone N i
Mandu	•	Wn	Mathepour	-	M, f	Melloor - Zp.
Mandon	-	Kh	Maton <i>ba krapetta</i>		Uq	Mellypour - Iv
Mangalore	~	M f	Matramoodo	-	ŢŶ	Meiphliy - Ta
-	wk.	. S n	Matteley -		W	Memene - Q
-	**	Wi	61. Matthew's Is.		Z	Menadow - N
Mangalere	*	Wq	rj	TSV	4.	Mendow - K.k
Mangalore	-	Xq	Mattour -		Ro	Mentha - Ni
Mangalunt		Yő	Mattur -	(	R,m	Mentole - Zr
Mangapada	•	Y n	Matura -		FP	Meongow - Ni
Mangarole.	Ses M		-	*	Dт	Merat - Do
Mangatti	**	An	Manally -		Qo	Merandabad E q
Mangul	_	Хp	Mauderdully	_	Xo	Merawaw . M 4.
Mangee	_	Hw	Maudifimilia	-	Î y	Mereal - Qq
Mangpollak	-	Mk	Maudoutand		Ř.	Mergui - W
SAME TANKS	<b></b>		and the second second		- A	
Manishry	<b>#</b> *1 '	G ±	Maverises	7 111	1 C 1	Merapour - Jx
Manjawick	*13		Marile -	• h = i		A THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE
Manickdurg		99	MENNING A	<b>19</b> 19		* Berindapally - W p
Munickpata	COL		Mailiaveram, O	<b>5</b> 5 1 1		Maritch, qu. Mirjor R 1:
Maniepour	<b>→</b> 12	神學 分理學		11 7 11 1	***	Merlon Q o.
Manickraje	-	Link of the	Mare poor	ti (")	C'm	Merzapour - Ht
Maniba	**	L q	Maniferda	` <b>-</b>	Y W.	Betlangh Ki
<b>.</b>		•	1 A .			Mef-
1			•			2

				,	
Mescinzungh -	Dz Monaconda		Qq	Mordyseer -	T'1
Metacoona -	O x Monafaba	_	Fr	Moreadgong -	No
		_			
Methully -		•	Мu	Morgurry -	To
Mettyconda +	Uo Monattoo	-	Ιw	Mori -	Ft
Mettone or Mellone	N i Monchaboo	-	$\mathbf{L}_{k}$	Morimal -	Sp
Metupetta -	Y q Moneah	_	Hw	Moro R	Fm
		-			
MEWAT -	F n Moneer	-	Hu	Moroucouna -	Xm
MEYWAR the same	e as Monegal	-	Rг	MORUNG -	Gу
OUDIPOUR	HI Mongalore	-	$\mathbf{W} \mathbf{q}$	Mofabad -	Gm
Middatour -	Sp Monghir	_	Hy	Mospony -	Bs
	T - Manalia	-	77		
Midnapour -	Lz Mongle	-	Pο	Most lparty -	Αr
Midnygunge -	Ht Monglegari	у -	Rг	Motecaze -	Lg
Milapour -	Up Mongleiore	•	Rο	Moto -	L g K i
Milaveram -	Rr Mongopung		Hm	Motoorah -	Ĺz
		OLY			
Minday -	P b Monguipat	anc	O m	Mottapar -	$\mathbf{z}_{\mathbf{x}}$
Mindowly - '	It Monguicou	-	Κz	Mouah -	Mh
Mindygaut -	Gr Mongolhau	t ==	HJ	***************************************	Хp
Minrow -			I s	Moudyel -	~ T
3.67					Sp
Mirapour -	Do Monicgur	•	Pk	Mouhun -	C h
Mirchour -	Sp Monkeary	-	Κw	Moulapuddy -	Yр
Mirgonda	Qo Montchu R		E a	Moular -	$\mathbf{X}, \mathbf{q}$
Misianagara	L b Montour	•	Ĥr		NT 1
Mirjanagore -		-		Moules or Saler-Moule	
Mirje, qu. Meritch	R I Montredy	-	Оx	MOULTAN -	IJg
Mirzagunge -	Le Monze Cap	e -	Ιb	Moultan -	$D_{ib}$
Mirzapour	Fs Moobad	-	$\mathbf{G} \mathbf{r}$	Mounee -	D m
		E BOONSI		Mount Dilla -	WI
. N. C			743.4.4 2.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4		
Miserrepour -	G q Terrs, of	•	Nq	Mount St. Thomas	W x
Mitgaing -	K u Moodupour	-	Ιĉ	Mour -	Qo
Mittanpour -	Ep Moogong	_	Mr	Mourteah -	E s
2.2	Eq Moogpour		Kh		Ğr
**	Eq Moogpour	-	17 II	Mousannagur -	
Moaganore -	Ro Moogiy	•	Pk	Moussy R	QP
Mocaumpour -	Fx Mooker	-	$\mathbf{Z}_{\mathbf{P}}$	Mow -	1.4
Moddiguba -	To Moola	-	ΡĨ		Ηq
Moddigong -	Mq Moonagurr	•	Rр		Hu
Moddigong	Wid Woomaguis	a. •·	Z b		
Moddel bay •	Zn Moonygurr	y -	Dρ	-	$H_{\mathbf{x}}$
Modenore -	Rs Moorbad	•	0 k		Ιp
Mogulpour -	.D'n Moordampe	or -	Lo	-	ľt
Mogulferai -	Cm Mcoreah		Er	Mowah -	G :
1410Raticiat -		• .	A	IMOMBIL	G
и	Go Moorgong	*	Νq	And the second second	Hx
-	Hu Moorgul	<b>~</b> '	Q.E	Mowee -	Lg
	I p Moorkya	-	Lw	Mowgunge -	I t
Mohady -	Mr Moorshedab	ođ	Ia	Mowamilladooru	Тr
Mohanco -		-	Nw	Manil Car	
		-		Mowil-Gonga -	A s
Mohaun -	G'r Moorade	-	P m	Mowley -	O k
Mohawry -	I o Moot	•	Hq	Muccapet -	Rr
Moherry -	Ox Mootachilly	r _	Χp	Mucdoompour -	Dĥ
Mohgong -	M s Mootagara	_	5 F	34	77 11
amingong ~		-	Rq	Mucund -	Ci
Mohan -	Gs Mootagong	a -	Νr	Muckundgunge	K x
Mohangur	Hp Mootagoud	ALC: A	$Q_q$	Muddi -	Кe
	My Mootal	4 1974		Muddul -	Rm
Moka -		<b>.</b> . ∧	9 2		
	S'o Mootan	• , "" ,	TO U	Mederar -	K f
	l'y Mootapadd	у -	Υp	Madgurry -	Κw
Mokoutpour -	Gr Mootapilly	-	Sr	Mudnagur -	Ft
Molilla -	Ul Mootingy	_	Rr	Mugalnore -	Ϋ́ο
Mollam		<del>-</del>		Mundan	
	Q t Mopar	-	S q	Mugdoompour -	Hz
Mollidon (-)	F.q Morabad	1 m 1 m	G m		∵G u
and Moinpatty - and	As Moradgung	e -	G u	Muglatore	R s
Molodive -	gr Moranker		-	Muglee -	AU p
	Mr Morbidery		JU i	Manage	1
and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t	x THEN TYTICIA	₩ A DOM	OF I	Mangroor -	.¥ p
* 5°	1				Mu-

			_						
Mulangoor	•	•	Qp				Nandouly .	e	Fρ
Mulgom	-		NI				I andy-Allem	-	Sp
Mulharguege		•	Ηq	N	Γ.		Nandyol -		ΗЪ
Mulkapour		•	Qq				Nangu	-	To
Mulky	4		Ūί	Nabec	•	M k	Nanzoo -		Mk
Mullah		•	Lk	Nabobgunge		Fs	Naogong	_	01
***************************************			Ah		•	Gs	Naori -		P k
Mullargur		100	I p			Gt	Napacar		Вq
Mullickpour		-	La	-	_	Ιa	NAPAUL	_	Ēw
Mullincota	_		Ao			Ηz	Nappa	_	Li
Mulnapour			Ĝu	Nabusta	_	Hs	Naprum	_	Īġ
Multo	_	_	Fk	Nadagong	_	Np	Nara	_	Pp
Mulwary	-	_	QÎ	Nadamur		Yn	Naracally	-	On
Mulygunge		<b>-</b>	Hz	NADERBAR	. This (		Naraduconda	-	O q
in any guing c		-	Ğz	was former			Naraguntla	•	Üq
Mumbole	•		T	Malwah, bi			Naranashid	-	Er
Mundapum		-	Τq	deish	at now to	MI	Narangabad	•	Cn
Mandahan	1	•	Z, q	Naderbar	-	ië.	Narangur	•	
Mundanagood MUNDELL	y	C	Rp	Madaina	•	M q	Name	+	Lz Kc
	ď.	966	Gurry	Nadgong	•	ivi d	Naranpour	-	<i>V</i> c
Mundelis.				Nadout Nadom	-	LŔ	Narapilly .	-	Qq
Mundella		-	_L r		*	Υn	**************************************	-	Rq
Mundu	~		Lm	Nagacoil	*	Rq	Narcondam I.		Ug
Mungar		-	Lo	Nagalaveram	**	Ζp	NARDECK	-	E m
Munglapet	***		Uq	Nagar	•	Fo	Nardole	-	R s
Munic	•		D m	Nagartz	-	C c	Nareah	-	Ll
Munkote		-	BI	Nagatch	•	Ζp	Naredcotty	-	Αn
Munky	•		TI	Nagaz	-	A f	Narella -		Εœ
Munnypour		-	Ig	Nagdam	•	Ρì	Narenda	-	G m
Murcah			Ha	Nauemal	. •	Wn	Narhai	-	Fn
Murchapour	,		No	Neggety	<b>~</b>	10 W.	Nariparidurga		Тp
Murdgur			Οx	Naggur	•	Fs	Narnalla	-	M ø
Murfah	-		H s	Nagjuree R.	•	Pи	Narnaveram	~	Uq
Murgah		~	Ls	Nagone		Ir	Narnol	4	Fn
Murgaw			Hr	Nagoordil	-	40	Narrickee	***	Fp
Murdgarry			Uo	Nagorbuffy	-	Нx	Narolly	-	Μk
Murgloor			Qr	Nagorcote		BI	Nariapour .	_	R s
Murja'ta R.			Mb	Nagore		Υq		-	Uo
Murlavaddy		_	Wo		•	Y q F I		_	Qr
Muror			Oq	Nagorpal	-	BI		*	Qs
Murreow	-	_	Hit	Nagowra	-	Dp	Narferay		Fn
Mulcary	_	_	MF	NAGPOUR.	. Underf	lood to	Narfingapatan	3	O y
Niulmurreah	_	_	Gq.	be the far	ne as B	ERAR	Narlingur	-	Ly
Mullion		_	o.		<b>,</b>	Mq	Narwah	. =	Hp
Multan	•		ĬĴ	Nagpour	_	ib		_	Cm
	ı	•	D'n	Nagrotah	-	Ak	Naffick Trime	ick	j d
Musephabad	•	**	H.	Negree		7.	Natrudacotta	-	Ap
* * . A		**	So.	Naid Chokey		Ur	Nattam	_	Ϋ́Р
Mullarz	*	,		Naladidy		$\tilde{z}_{p}$	Nattore	_	17
Marpanny		*	Ģх	Naldourouk	•	Qa	Nattrow	_ ~	MA
Mutching	-	'	KA		*	La	Navaru	•	Qm
Mettabarrov		-	Mf	Naljabaug	-	Rr		-	O'k
Mutteah	•		G w	Nallacond	*		Navalpara Navapour	-	UI
Mutteary		*	G x	Nammou ,	,	MA			Ŭ.
Mutty		~	ž.	Named	m #	XP	Nangamungul	LILL	of the contract of
Mutuapollan	3	· ·	X Q	Managemour	-	C.	Naupent	*	3
Mutwhar	*		K a	Nancaleram	*	W.L.	Nauphara		
Muxoodpour	٠,		1. 重大	Mander Nandepore		Q o	Nautan	<del>-</del> '{/t	
Myhic R.		•	1.16	Namdepore		Uŋ	Nautpour	J. 15	G
MYSORE		1	W W	Nandigaw	₩ 4	12 F	Nawie	10%	MI
Myfore		•	ib.	Nandgom	*	NI	Nayedapilly:	-	T
The second second				<del></del>			Хх	i	NAYRS

#### INDEX to the MAP.

BT 3 32D C		~ ~					
NAYRS -	Хm	Nimnana	-	Εn	Nulla Sunkra	. R.	To
Neatimery -	Αn	Ninghen		Κa	Nullua		La
Nedagai -	Qo	Nipatore	_	Wp	Nulshi		1 //
Neechinta -	L, X		_	Ha	Nundevarum	<del>-</del>	$T \gamma$
	3.7 m	Nithanpour	•			-	A 3
Needumaren -	Υp	Nitchou R.	**	Εç	Nunkar	•	Οp
Neekalla -	M 1	NIZ.IM. ALL	.l", "l"ei	rrs. of	Nunnoic	-	w El
Neelgur	Му			Qn	Nunparah		Fs
	Qq.	Nizambadda		Pw	Nunfaru		Ni
Neemear -	Fr			Sr	Nurabad	•	Gp
		Nizumpatam	*	_		-	(3 h
Neemdar -	1G∙o	Niz inpet	-	Om	Nuraquimire	. •	Ie
Neermul -	ρO	Nornagur	-	Lf.	Nurhan	-	G W
Neeval -	Wq	Nobutpour	-	Ηu	Nutjec	-	G t
Neevaluur	zb.	Nocum	-	D n	Nuriah	-	M t
Negapatam -	Υq	Nocl Is.	_	Y ż	Nursingdy	_	Ke
Negapatla -	77.7			Еy	Nubenamann	-	Kq
	Ųq	Nogarcot	•	E y	Nurfingpour		
Negar Parker -	Ìĝ	Nogong	٠.	Ia	Nufferabad	~	Mm
Negombo -	$\mathbf{B}\mathbf{q}$	Nobotha R.	•	E, y	Nufferatpour	1 10	NI
Negrais I	Sø	Noka	• •	HW	Nufferpour	44 1	Нe
Cape -	Rg	Nokeela	_	1 6	Nuturee	_	Tn
Nehla -	Fn	NOMURDIE	S	Ĥď	Nutwabara	-	Кy
			_			•	T. y
Nehrwalla -	Ľђ	Noncovery ha	rbour	Af	Nyarpet	•	Ur
Neimphy -	K b	Noongola	-	Hb	Nychinta	-	Hc
Nelevangole -	U٥	Noongotty		K t			
Nelifuram -	$\mathbf{w}_1$	Noony	~	1 z			
Nellembi -	Вr	Noopour	_	Mk		0.	
Nellore -	Ťq	Noormehal	_	Cî		<b>-</b>	
NT	7,4		•		0.4500		***
Nemally -	Ζp	Noornagur	-	K d	Ocliffer	-	Mi
Nemaram -	R q M k	Nooraldeen	-	€ k	Qdeb .	( )	Gο
Nemeagee -	M k	Noorpour	<b>-</b> '	G k K c	Odeypour	<b>-</b> 1	Lu
Nemen -	A o	NORTHERN	I CIR	CARS	Odiour	•	Pp
Neminpilly -	Uр			Pu	Ogendow	_	M.
Nemli -	Rn	Norungah		Īw	Ogidoo	_	К×
Nen -			-			~	A. X
	~ ~	* C - C			O'Ann manifes		
	Сo	Nosapour	•	Lo	Oister rocks	•	Tk
Nengengood -	Wп	Noffary .	-	L o N i	Oister rocks ————————————————————————————————————	**	Tk Oa
Nengengood - Ner -	W n O n	Noffary .	vn , , , , , , , , , , , , , , , , , , ,	Lo Ni Ng	Oister rocks ————————————————————————————————————	**	Tk
Nengengood - Ner -	W n O n	Noffary . Notchengong		Lo Ni Ng	Oister rocks ————————————————————————————————————	EL.	Tk Os Ce
Nengengood Ner Nerbuddah R. fource	W n O n L t	Nothing . Nothengong Nothowow		Lo Ni Ng Pb	Oister rocks ————————————————————————————————————	DEL _	Tk Os Cs Le
Nengengood Ner Nerbuddah R. fource —————— mouth	Wn On Lt Mi	Noffiry . Notchengong Nothowow Novanagur	100 1 1 100 100 100 100 100 100 100 100	Loi Ng Pb Ng	Oister rocks ————————————————————————————————————	PĒL	Tk Os Cs Le Kz
Nengengood Ner Nerbuddah R. fource mouth Nere	Wn On Lt Mi Mp	Noffary . Notchengong Nothowow Novanagur Noudjer		LN q d d g r	Oister rocks ————————————————————————————————————	DEL _	Tk Os Cs Le Kz
Nengengood Ner Nerbuddah R. fource mouth Nere Nereally	Wn On Lt Mi Mp Rn	Nofflary Notchengong Nothowow Novanagur Noudjer Novigunge		LN q d d g r	Oister rocks ————————————————————————————————————	DEL	Tk Os Cs Le Kz Is
Nengengood Ner Nerbuddah R. fource mouth Nere Nereally Neriad	Wn On Lt Mi Mp Rn	Noffery Notchengong Nothowow Novanagur Noudjer Novigunge Novigunge Novikian R.	 j,	LNN9 NABE	Oister rocks ————————————————————————————————————	DEL	Tk occ Le Z lar H &
Nengengood Net Nerbuddah R. fource mouth Nere Nere	Wn On Lt Mi Mp Rn Ey	Noffery Notchengong Nothowow Novanagur Noudjer Novigunge Novigunge Novikian R.	- 1	LN q d d g r	Oister rocks ————————————————————————————————————	DEL .	Tk occ Le Z lar H &
Nengengood Ner Nerbuddah R. fource ————————————————————————————————————	Wn On Lt Mi Mp Rn Ey	Noffery Notchengong Nothowow Novanagur Noudjer Novigunge Mon Kian R. Nouthery	- 1	LNNP NREFO	Oister rocks —— island Oitong OK AMUNI Okerah Okilpour Okerah Olispour	DEL	Tk Occ Le Kz lar Hön
Nengengood Ner Nerbuddah R. fource ————————————————————————————————————	Wn n Li Mp n E y C	Noffery Notchengong Nothowow Novanagur Noudjer Novigunge Mon Kian R. Nouthery Nou		LNNP NREFOR	Oister rocks —— island Oitong OKAMUNE Okerah Okilpour Okerah Olispour Olist	DEL	TK occ Le Z A L H & P n
Nengengood Ner Nerbuddah R. fource ————————————————————————————————————	Wn On Lt Mp Rn Ey Ch	Noffery Notchengong Nothowow Novanagur Noudjer Novigunge Mon Kian R. Nouthery	- 1,	LNNPNRRFORG	Oister rocks —— island Oitong OKAMUNE Okerah Okelpour Olispour Olist Ollya	DEL	Tochezarion: Who sty
Nengengood Ner Nerbuddah R. fource Nere Nere Nereally Neriad Nefty Nevalcotty Newtya	Wn Li Mp Rni Eyob Rk	Noffery Notchengong Nothowow Novanagur Noudjer Novigunge Mon Kian R. Noun Noun Noun Noun Noun Noun Nowadah		LNNPNRFC PCX	Oister rocks — island Oitong OKAMUNE OKerah Okilpour Okerah Olispour Olispour Olist Ollya Ombergauna	DEL	Tk see L Z a H b n s L v k
Nengengood Ner Nerbuddah R. fource ————————————————————————————————————	Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wollin	Nothiny Notchengong Nothowow Novanagur Noudjer Novigunge Novikian R. Nouthery Nou Nowadah		LNN PNR FORGLY	Oister rocks — island Oitong OKAMUNE OKerah Okilpour Okerah Olispour Olispour Olist Ollya Ombergauna Omelloor	DEL	Tk see zar i HP styko
Nengengood Ner Nerbuddah R. fource Nere Nere Nereally Neriad Nefty Nevalcotty Newtya	WOLLI PRI YOUR KAN	Nothiny Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Nouthery Nou Nowadah Nowadah		LNNPNREFORGLIN	Oister rocks — island Oitong OKAMUNE OKerah Okilpour Okerah Olispour Olispour Olist Ollya Ombergauna	DEL	Tk see L Z a H b n s L v k
Nengengood Ner Nerbuddah R. fource mouth Nere Nereally Nériad Nefty Nevalcotty Newtya  NEYER Niagur	Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Mania Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wolling Wollin	Nothiny Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Nouthery Nou Nowadah Nowadah		LNN PNR FORGLY	Oister rocks — island Oitong OKAMUNE OKerah Okilpour Okerah Olispour Olispour Olist Ollya Ombergauna Omelloor	DEL	Tkseckzarith Pnikkolski
Nengengood Ner Nerbuddah R. fource Nere mouth Nere Nereally Neriad Nefty Nevalcotty Newtya NEYER Niagur	WOLLI PRI YOUR LECHRAL YE	Nothiny Notchengong Nothowow Novanagur Noudjer Novigunge Novikian R. Nouthery Nou Nowadah		LENGLES STORE OF CLINE	Oister rocks — island Oitong OK AMUNI Okerah Okilpour Okarah Oliapour Olist Ollya Ombergaun Omelloor	DEL	TOCLEZATE HPS LPZ ISO
Nengengood Net Net Nerbuddah R. fource mouth Nere Nereally Nériad Nefty Nevalcotty Newtya  NEYER Niagur  Nialma	WOLLI PRI YOOK RIKLD	Noffery Notchengong Nothowow Novanagur Noudjer Novigunge Non Kian R. Noufhery Nou Nowadah Nowadah Nowady Nowagur		LENGE STEEL GIX YWW I	Oister rocks — island Oitong OKAMUNE OKerah Okilpour Okerah Olispour Olispour Olist Ollya Ombergauna Omelloor	DEL SH	TOCLEZATE HPSLPZ INN
Nengengood Ner Nerbuddah R. fource Nere mouth Nere Nereally Neriad Nefty Nevalcotty Newtya NEYER Niagur Nialma Niana	WOLM PRI YOOK KLDQ	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Non Kian R. Noufhery Nou Nowadah Nowadah Nowady Nowagur		TENENT STEEL BENEFIT OF OF THE WEST OF THE STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL	Oister rocks — island Oitong OK AMUNI Okerah Okilpour Okrah Oliapour Olisi Ollya Ombergauna Omelloor Omeree  Omergong	DEL	TOCLEZATE HPSLVKOSOIN
Nengengood Ner Nerbuddah R. fource mouth Nere Nereally Neriad Nefty Nevalcotty Newtya NEYER Niagur Nialma Niana Niana Nicaracool	WOLMMRIECHRIKLDOG	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Non Kian R. Noufhery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagunge Nowagunge		TENENT STEEL BENEFIT OF OF THE WEST OF THE STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL	Oister rocks ————————————————————————————————————	ŒL	TOCLEZATE HPSLVKOS NNNN
Nengengood Ner Nerbuddah R. fource mouth Nere Nereally Neriad Nefty Nevalcotty Newtya NEYER Niagur Nialma Niana Nicaracool Nicauar	WOLM PRI YOOK KILDOG R	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Non Kian R. Nouthery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagur Nowagunge Nowagunge Nowagunge Nowagunge		TENENT TO TO THE TENENT TO TO THE TENENT TO THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT THE TENENT	Oister rocks — island Oitong OKAMUNI Okerah Okilpour Okrah Olispour Olist Ollya Ombergauna Omelloor Omeree  Omeree  Omeree  Omeree  Omeren	DEL	TOCLE LIFE SLEEN IN NO.
Nengengood Ner Nerbuddah R. fource Merbuddah R. fource More mouth Nere Nereally Neriad Nefty Nevalcotty Newtya  NEYER Niagur  Niagur  Niana Niana Nicaracool Nicauar NICOBAR ISLANI	WOLM PRIVOCHRIKLDOG AF	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Non Kian R. Noufhery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagunge Nowagunge		CHANGE CHOLLNING TO	Oister rocks — island Oitong OK AMUNI Okerah Okilpour Oksapour Olist Ollya Ombergauna Omelloor Omeree  Omergong Omerpour Omitpalla Omita	DEL	TOCLE LINPSLE NNNNOL
Nengengood Ner Nerbuddah R. fource mouth Nere Nereally Neriad Nefty Nevalcotty Newtya NEYER Niagur Nialma Niana Nicaracool Nicauar NICOBAR ISLANI Niddycorda	WOLMIND YOUR KLDO OF PO	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Nouhery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagur Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge		OF DE STEWN THEOROGICAL WEST ON THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY O	Oister rocks — island Oitong OK AMUNI Okerah Okilpour Oksapour Olist Ollya Ombergauna Omelloor Omeree  Omergong Omerpour Omitpalla Omita	EL	TOCLE LINPSLE NNNNOL
Nengengood Ner Nerbuddah R. fource mouth Nere Nereally Neriad Nefty Nevalcotty Newtya NEYER Niagur Nialma Niana Nicaracool Nicauar NICOBAR ISLANI Niddycorda	WOLMIND YOUR KLDO OF PO	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Nouhery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagur Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge		OF DE STEWN THEOROGICAL WEST ON THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY O	Oister rocks — island Oitong OK AMUNI Okerah Okilpour Okiapour Olist Ollya Ombergauna Omelloor Omeree — Omergong  Omergong  Omerpour Omitpalla Omita Omptah	5/11	TOCLKIIHPSLPZ INNNNOLL
Nengengood Net Net Nerbuddah R. fource ————————————————————————————————————	WOLMIND WOLKE WOLKEN WOLK WOLK WOLK WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A STREET WAS A ST	Notfary Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Noulhery Noun Nowadah Nowadah Nowady Nowagur Nowagur Nowagur Nowagur Nowagur Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge Nowagunge		OF OF STEWN THE OF OF OF THE WEST OF ON THE OF OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF THE OF T	Oister rocks — island Oitong OKAMUNE Okerah Okidapour Olist Olist Ollya Ombergauna Omelloor Omeree — Omergong  Omergong  Omergong  Omitalia Omital Omptah Omrautty or	5/11	TOCLE LINPSLEVE OSOINOOL LN
Nengengood Net Net Nerbuddah R. fource ————————————————————————————————————	WOLMMRIECHRIKLDOR ZOLI	Noffery Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Nouthery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur		OF OF STREET OF OF INTEREST ON HERE	Oister rocka — island Oitong OKAMUNE Okerah Okerah Okiapour Olist Ollya Ombergauna Omelloor Omeree — Omergong  Omergong  Omerpour Omitpalla Omita Omptah Omrautty or Onzr	5/11	TOCLELIHPSLPZ INNNNOLLNR
Nengengood Ner Nerbuddah R. fource ————————————————————————————————————	WOLMIPHI YOUR KLDOG AND SOLUTION	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Nouthery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur		OF THE STATE OF OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF ST	Oister rocks — island Oitong OKAMUNE Okerah Okerah Okilpour Okerah Olispour Olist Ollya Ombergaun Omelloor Omeree — Cmergong Omitpalla Omita Omptah Omrautty or Onzr Oncha	5/11	TOCLKLINPSLPZ INNNNOLLNRH
Nengengood Net Nerbuddah R. fource Merbuddah R. fource Mereally Nereally Neriad Nefty Nevalcotty Newtya  NEYER Niagur  Nialma Niana Nicaracool Nicauar NICOBAR ISLANI Niddycorda Niddjibabad Nimboo Nimderra G. Nimilly	WOLMMRIECHRIKLDOR ZOLOO	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Nouthery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur		OF OR STREET OF OFFICE MENTERS OF A SOUTH OF THE STREET OF OUT OF THE STREET OF THE ST	Oister rocks — island Oitong OKAMUNE Okerah Okidpour Okerah Olispour Olist Ollya Ombergauna Omelloor Omeree — Cmergong Omita Omita Omita Omita Omita Omrautty or Onar Oncha Onberga	5/11	TOCLELIHPSLPZ INNNNOLLNRHP
Nengengood Net Nerbuddah R. fource Nerbuddah R. fource Nere Mereally Neriad Nefty Nevalcotty Newtya NEYER Niagur Niama Niama Nicaracool Nicauar NICOBAR ISLANI Niddycorda Niddjibabad Nimboo Nimderra G. Nimilly Nimgong	WOLMMRIECHRIKLDOG ZOLOO	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Nouthery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur		Or of Start of CILINIME STOCKLICAL	Oister rocks — island Oitong OKAMUNI Okerah Okilpour Okerah Olispour Olist Ollya Ombergauna Omelloor Omeree — Omergong Omerpour Omitpalia Omita Omptah Omrautty or Oncar Oncha Onberga Ongergurry	5/11	TOCLK LIHPSLPZ INNNNOLLNRHPOX
Nengengood Net Nerbuddah R. fource Nerbuddah R. fource Nere Mereally Neriad Nefty Nevalcotty Newtya NEYER Niagur Niama Niama Nicaracool Nicauar NICOBAR ISLANI Niddycorda Niddjibabad Nimboo Nimderra G. Nimilly Nimgong	WOLMMRIECHRIKLDOG ZOLOO	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Nouthery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur		Or of Start of CILINIME STOCKLICAL	Oister rocks — island Oitong OKAMUNI Okerah Okilpour Okerah Olispour Olist Ollya Ombergauna Omelloor Omeree — Omergong Omerpour Omitpalia Omita Omptah Omrautty or Oncar Oncha Onberga Ongergurry	5/11	TOCLK LIHPSLPZ INNNNOLLNRHPOX
Nengengood Net Nerbuddah R. fource Merbuddah R. fource Mereally Nereally Neriad Nefty Nevalcotty Newtya  NEYER Niagur  Nialma Niana Nicaracool Nicauar NICOBAR ISLANI Niddycorda Niddjibabad Nimboo Nimderra G. Nimilly	WOLMMRIECHRIKLDOR ZOLOO	Nothery Notchengong Nothowow Novanagur Noudjer Novigunge Nou Kian R. Nouthery Nou Nowadah Nowadah Nowady Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur Nowagur		OF OR STREET OF OFFICE MENTERS OF A SOUTH OF THE STREET OF OUT OF THE STREET OF THE ST	Oister rocks — island Oitong OKAMUNE Okerah Okidpour Okerah Olispour Olist Ollya Ombergauna Omelloor Omeree — Cmergong Omita Omita Omita Omita Omita Omrautty or Onar Oncha Onberga	Amrautty	TOCLELIHPSLPZ INNNNOLLNRHP

_	•	A IN	1A1 1J	,P•	
Onore -	T i	Painam .	СЪ	Dammar II	_
Ooda Ootaly R.	Мо	Pairumbaucum	υq	Pannyallum-crusco Panfar	Ар Кі
Oodapour -	Kd	PAISHIVAH of the	MARIA	Taniar Dana	K i
Oclandoor	- X q	RATTAS, Terrs.	**************************************	Panshah	$\mathbf{K} \mathbf{k}$
Oolpar -	Mì	Palamcotta -		Panwell	O i
Oorgonda	- R q		Αo	Papanaud -	Υq
Outey	Hq	Palamerdy -	Χq	Papamow	Ηi
Oorgaum	- Om	Palamow	Ζp	Palacho -	H b
Cotamally .	Yo	Polymore	Κw	l'ara:burecoil -	Υp
Ootampaliam	- Zo	Palapetry	Yр	Paradanga -	H 6
Ootatore -		Palarchy Palavai	Ϋ́o	Paragur ruins	Hр
Ootcour		Pole Com	$B \neq$	l'aramboor _	Ϋ́р
Ooterawoody	- Uo - Yo	Pala afeny Palcoor	GÎ	Paramonfera -	Sp
Ootiamalore		Palcote	Αo	Paramutty -	Хp
Orangabad -		Paleote	Lw	Parafaoli .	Fn
Oreyonr	*	Palgunge -	Iу	Paratella -	Rr
ORISSA -		Palhanpour -	l'i	Parchoor _	16.
ONIOSIA -	Nw	Paliar R	Wr	Pargow _	Ηq
Oruenny	P n	Paliacar _	Zr	Paridrong or Paridfong	Ea
Offara -	Ľу	Paliapado -	Wq	Parkei .	Qp
Offoorain	- Kz	Paliconda _	So	Parlagow	Mn
Olunpour -	Į, c	Philips and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the sa	Wq	Parlie .	Ni
Ottingbah	- If	-	$Z_{B}$	Parmenalore -	Χe
Oudanulla	- ĭz	Palicaudcherg -	Yп	Parnassa -	Ht
OUDE -	Fs	Palighery -	Tp	Parnel .	Ö.İ
Oude -	G t	Palindi _	$Z_n$	Parone -	Y m
OUDIPOUR	- 11	PALL -	K k	Paropal _	7 m
Oudipour -	· ih.	Palligoram -	Rq	Parpooty -	Хр Sk
Oudgah -	Lх	Palmiras Pt	Nz	Parioah -	Ar
Oudighir	- Po	PALNAUD -	Rq	Parshepatnam -	
- Oegein	<b>基</b> (4)	Betrodygur	idea ge	Parkoi	Z q M I
Ongly -	RI	Palté lake -	De	Particotty	Ao
Oujoulinke	- De	Palvarya _	Fs	Partilcotty -	.20
Oulaguinagore	- X q	Palwall _	Εo	Parur I.	C p Y n
Oumary -	Nq	Pamada _	Oi	Pafar .	X D
Ouple -	Pn	Pamandoor -	Дp	Passawar -	Χp
Ourgoor	- Ro	Pambu -	Ďź	Patada	F.o
Ourigui -	Po	Pamnagur	Io	Patchwarry -	Од
Oufcotta	- Sm	Pamodurte -	ΤP	Patcoom -	Iz
	Uo	Panagur -	K r	Pategow -	K,x
Quilloor -	Wo	Panamgoody -	40	Pateagur -	L.o
Outnpallam		Panangoody -	Zp	Pateeta -	Rn
Couls -	- Xo	Panarcourchi -	X o		H u
Outor -	RÎ	Panatallah -	X q L s	Pateli, or Putala	Cd
Owierah	- Iu	Pancawir -	Į m	Patenode -	Bt
- () Lan and	1, 7	Panchgong -	On	Patgong,	G.6
	1	Panchpara -	Mu	Patisla	D m
P.	1 1	Panderia	Z <sub>p</sub>	Patinoor -	$\mathbf{Z}_{\mathbf{P}}$
,**	u i	Pandonser -	Pl	ratinour -	R p
Paslavanko	- 'n-	Panere -	Bq	Patna -	Hx
Pacherry -	K b	Paneture -	<b>2</b> 4	Patnoura -	Lp
Pachere	- Ky	Paniany	C q Y m	Patokah -	OR
Pathore -		PANJAB	-	Patou	_ ib.
Pada -	10 10 2 10	Pantira	Bi Na	Percusi	Q 🕦
ستالحد ستانة بشت	M W	Finling	N		L b
Paddar R. See F	ALTERNATION OF THE PERSON OF T		and the second		On
Padepa nam	4.4	Rannsk or Purnah		Patrowra -	]] I t
Padongmow	KIT SHAPE	<b>Zancela</b>	in the	Parfah	K, a
Padram -		Panipat	, D	PATTAN ROHILLAS	A Pag
Padreak	*	2 setnolali	N I	Pattan	ETX
l'a habpour	- 30.0	Panuash -	M q		A PR
4 4 4				Xxx	Pat-

Pattancheru Pattereah R.	-	Qp	Penna Pennar R.	•	Q m T' r	Pilicer	ä	Uр
Pattergaut	•	F p		-		Pill:beat		Er
Patter gaut	•	- II e	Pennigonda Pennigonda		R s	PILNAUD.	Sec Pa	ilnaud.
T atter Botto		- 11 e	Penomozin Penowal	•	Y! Hm	Piloutu	-	Вf
Pattergar	_		Penticotta	-		Pilwa a	•	H 1
Pattiad		- Dp Lh	Penukonda	•	Qt To	Pinagra		Хр
Pattiary		Fq	Penuruia	-	Pw	Pindal 1	•	Qq
Pattica-r	•	Yn	Peny	•		Pintral	•	S q G l
Pattigam	-	Pu	Peory	~	l u	Pipars	•	
Patrun	•	Ki	Peperah	•	On Kr	Pipelo	•	Gn
Patungah		Mu	Peploud	•	Мn	Pipelgong	•	NI
l'attyah		Gq	Pera I.	•	D Z	Dinalagia	-	Om
Pauganary	-	$\widetilde{Z}_{p}^{q}$	Peram I.		Mi	Pipelnair	•	N I M k
Paungaw		Pn	Peranderpou	, "	Km	Pipelpura	-	Mr K
Paularah		Ñq	Periamoody		Ϋ́o	Pipercone	~	Gy
Paunraw	-	Кy	Periapatam		Wn	Piperry	-	N m N n
-	-	L y	Periapollam		Ur	Pipley	. •	ΟÏ
Pavoor	-	Ao	Periacullum		Ϋ́ο	-	• .	Mz
Paupakelly	-	Qr	Perinda	_	Pm	PIPLIAH R	ATALT	Mk
Paupanastum	-	- A 0	Peringoody	-	2 p	Pippar	בובונה	Ft
Paupanaffy	-	Υq	Perivale	_	ıb.	Piprah	_	Fq
Pawah	10	Ιx	Permacoil	_			_	Ğ
Paytollee	-	Εq	Permera rock	:S 🕨	Wq	Piprow		Κο
Peacee		Gw	Permelly	-	vo	PIRATE CO	AST	Qi
Peanjee	-	Pb	Pernalla	-	Νi	Pirhala		Ah
Pecharee	-	Ιp	Peroe .	<b>-</b> '	Hw	Pirote	-	HР
Pechowly	•	· Hp	Perour		To	Pithour		A f
Pedapatam	-	R s	Perperengard	e	X m	Pitlaud		Li
Pedda-Balapo	ur	υo	Perione	-	Gt	Pitty R.	-	Ιc
Peddagudaniy		- Rs	Persah	•	Fх	Plaffey	-	Ka
Peddapour	•	Qt		-	Kи	Pocherry	•	ZP
Peddi-Balabar	ans	บิจ	Perfaim	•	Rg	Podala	<b>.</b> '	S q
Pedenaig	-	Wp	Persiah	-	O 1	Podana	-	Rŝ
· Pedinaburam		- A0	Pertabgur	•	Ht	Poila	-	Хm
Pedman	**	Rr	Pertabpour	•	Ł z	Pointy	~	H z
Pedrapalore Pt. Pedro	-	Wq	Perfwar	*	Ιr	Poka .	•	G w
Peendsbatta	-	Zr Mt	Petapolly	•	Qt	Poktoo	-	M &
Peeparool	. •	Fq	Petelnaig Peth	-	Z p D'o	Polaram	-	Q.s
Peeply	-	Ny	Petrabar	• '	Kx	Policole	•	Rs
Peergaow		P 1	Pettapolly	. •	Sr	Pollay	-	Н×
Peergunge		K n	Pettapour	•	Ki	Poliput	*	L t
Peernagur		Fs	2 Octopoul	_	Q t	Polore .	•	Uq
Peer Sheik's t	omb	Жď	Petticotta		Yq	Poly		W q
Pegon: mew		Mi	Peyannny	_	Fr	Ponada		Q.k
PEGU	•	Qi	Pheer Furrid	-	Νq	Ponakelly		G1 Or
Pegu	-	$\mathbf{P}_{i}$	Phokwara	_	ĈÌ	Ponaron	<b>-</b>	\$. ·
Pershore	<u> </u>	A f	Phoory	، را رسيم	Ni	Ponda		X q S k
Pelicare	* ~	P . W. Z.	Pralapour	· · ·	terio.	Pendicherry		Xr
Pelang	•	Mi	Pielny		Yo	Fondimarka	_	Q i
Pelow	-	Ob	Fibigga		Нx	Pongallah		B. a
Pelliconda	•	Pu	Pigeon I.	•	Qu	Pongedamy R.		R q K d
Penat -		G p		-	TI	Ponlapilly"		Rp
Penamoushily	-	R s	****	<b>∞</b> ¹	As	Ponfah		Îŵ
Penatoor -	•	Wq	Pilatla Pals.	It leads	from	Ponziac	•	N/
Benawas	11.00	In	the Carnati	c, into C	udda-	Poodacotta		Ϋ́р
Rendarry	-	19.许多。	pah, 17 mi	les fouth	from	Pookarya		1
A findawa	**	Ni	Udegherri	• '	Fig	Pook Padang	French agent and	M
High 3					-	•	•	Poo-
							3	-

** * *		-						
Poolapauk	-	Wr	Pullicate lak	e _	ib.	Radanagur	₹.	Кy
Prolhada	-	Pt	Pullumnare	-	Ψp	Radawair		Mn
Cool Jury		Zo	Pulyveilum	•	Χp̂	Radegurry		Wi
Panka	-	R b	Tunchenee	-	Ga	Radimpour	-	Jh
Penlyour		Ht	Pundipour	_	Ğŧ	Raepour		Gq
thin Garage	-	do	Pundua	-	Hd	Ragamme		C r
Poo acamada	<b>***</b>	() s	l'unganore		Up	Raguapour	•	Fx
tion with		I'k	Pungnam	_	Ig	Rahny	•	Ha
Panasmalee		Ur	Panje	_	Mo	Rahoon	•	Cm
Pamely		Pw	Punjerce		l w	Rajacotty	-	
Poor laur	_	116	Punwary	. •	II r	Rejacotty	•	Во
Pour Bunder	_	Nie	Puratya	-	Er	Daire	-	Вр
l'o rub	_	Gs	Pureewar	-	Fs	Rajagunge	•	I'e
Poorundar	_	Pì	Puiciil	•		Rejagur	**	Ιw
i'ourvah	•	Ġŝ		**	Pw	Rajahum	-	Рu
Poorgast	•		Purgatty	•	Pu	Rajakeera	_	Gp
Postlepalia	•	Εp	Purgot	-	Хn	RAJAMUN	DRY	Rs
	-	Q.a	Puogow	-	Q k	Rojamundry	-	Q.s
Positya	-	i a	Purki	-	Įх	Rajanagur	-	$K_{\bullet}c$
Poppe gaut	•	G٤	Purnah	-	_I r	<b>1</b>	-	Q٤
Porcah	-	Zn	Purneah	-	F z	Rajapilla	-	To
Porrogong.	•	F &	Purrongur	***	Кp	Rajapour	•	Hр
Portonovo	-	Хq	Purrownah	*	Gw		•	Rk
Porur .	•	Lp	Purruah	-	Ηa		_	DI
Po'chalaraja	•	$G _{\mathbf{p}}$	Purlah	-	H w	Rajaporum	-	Хp
Poficila	**	Кr	Purfaum mah	t -	Hу	Rajefee	-	Ηp
Poud ngory	*	X m	Purfoyah	-	l w	Rajaserai	•	D m
Perve er		A $n$	Purlur	-	Εr	Raibaug	-	R 1
Postcotty	-	B n	l'urwar	•	Вk	Raidee	-	Lw
Poulmady		SP	Putala	-	C d	Kaidurgam	-	Wq
Povrimitzila	•	' 'A' d'	- Tatcabary	r <del>jani</del> r s j	* 基分	Raje-Bederu		ΑÎ
POURONKE	<u> </u>	R &	Putbroad	-	Ιo	-Kaje-Behroo		B 1
Pourubcotty		Во	Putclam	•	$\boldsymbol{B}$ q	Rajbulhaut	-	La
l'owangur	-	Lk	Putimahry	-	Κa	Rajecata	-	Mg
Poway	**	G t	Puttan	-	Οq	Rajegaut	_	M e
**************************************	-	ĭr	Puttan Sumi	naut	Мf	Rajegur	-	Ho
Prela	**	XI	Putterahee	~	Gq	, ,	Fo	and Ir
Preparis I.	-	Tſ	Puttyram	-	$H\hat{a}$	***************************************	-	Ιn
Prone		0%	Putyajury	-	I d	<del></del>	-	L z
Providien I.		A s				Rajegushdar	_	Ak
Pryggee		Qb				Rajehaut	. *	K'z
Pubna	-	16		O.		Rajemal		Hz
Poceaferi	_	L 2				Rajematchy	_	Pk
Perculoe		I c	Queaga	•	Pb	Rujemungulu		Ao
Puckar R.		Жà	Queckmi pe	ooda	Sk	Raje Seid Sui	bebeb	Bm
Paddambally		Nx	Quilon	D	A n	Raje Sugar I	Sunde	ib.
Puddampour	-	Ny	Quivifa	····	Gw	Rajgiri		Q p
Puddamtola	_ ~	Nw	Quondanga	_	O.	Rzigur	_	Mu
		Ym	- Annamic Cu	_		Rajoorah		Qo
Pudangarde Puddar R.	-	Hk				Rajuapour		Fw
	-	Mq		R.		Raimpour		Fq
Pudgdargong Pudicotta (To	andama-					Rain		Le
Annonia ( A	 		Rast		· Hg.	Kaifsen	_	Ko
dence)	** **********		Rabusbad			Zaitapour	_	Qs
10	ار الجهور الحالة الا المارا دمالة يست	X O	I.		<b>34</b>	* Makypora	- · · ·	
Peducand	**************************************		Recailbone	, <b>₹</b> 1 ; (	On	Rancotte	7,0	k b
Poker	ال العمل أن		* Machol		£k			Ϋ́P
. Polania	- 1,754	arrive b	1.16 246 1	- 1 to 1 to 1 to 1 to 1 to 1 to 1 to 1 t	L	Ramagirry Ramanadpor	HE WILL	- 2 L
Pulka	* Hrigh	Lu	Rachour	ولا <del>ہا</del> ۔ دادات سے	Rр			2 p
Pollecoil	**	THE C	-		TP	Ramas Cape Ramchandra		Mz
Pullicate	**	U'z'	** Rechoutre	<b>₹</b> ,,	W # P	L'AUCHRICH.	F .	Ram-
			•					*zenn-

### INDEX to THE MAP.

			_		
Ramcotty -	C D	Ratfur -	Oo	Roymaila R	Ma
Ramdilly	- W1	Ratula -	Fε	Roymungul R.	M 6
Ramedega -	Μw	Ratoly -	Нr	Roypour -	Ιs
Rameeapatam	- Sr	Ratwah -	G p	***************************************	Lz
Ramenapally -	Qt		Ko	Ruanel -	Br
		Dames II			
Rameleram	- Tp	Rauvee R	Ci	Ruguporam -	Q_p
Ramgary -	Υn	Rawllow -	Rφ	Rujampet -	Pp
Ramgaut E	p and S 1	Rawtty Dungaree	Мe	Rujjucah -	Bì
	- Cq	Raynangong -	N;	Rundulla -	M l
Ramgur -	Кж	Raypour -	Μt	Runga -	Pu
_	Pq	Razula -	Мg		Ηδ
	. 1,4		W. P.	Rungpour	
Spinistrature of	Fρ	Reang -	I d	Runneah -	Мn
	Nw	RECCAN. The	ame as	Runnode -	Hр
Ramgurra -	Ιp	ARACAN -	Og	Rurrow -	Gq
Ramingam	- Po	Recumpada -	Q s	Ruthgur -	Μn
Ramiseram I.	- Zq	Red Crab I	Me	Rutlam -	K m
Ramifundrum			Rr		12 -
		Redigoodam -	77	Ruttagurra -	Кр
Ramnagur -	Gу	Redipatnam -	Ζp	Ruttangur -	0 k
Ramoo -	Μe	Remal -	G I	Ruttungunge -	K &
Pramoury -	Lo	Remporetty -	Z٥	Ruttunpour -	Lt
Ramoutch R.	Cs	Renapour -	Ро	Ryacotta -	WP
Rampah -	Q.	RETCHNABAD	Doabah	Ryalcherry -	Üq
	$\sim$	ILL I CIII III III	Bi		Υ q
Rampara -	Qi	Data Sarahanna		Rydraire -	X p T n
Rampicherla	- Rq	Rettinghery -	Το	Rydroog -	īn
Rampour -	D n	Rewah, or Rooth	l s	Rynabad -	L b
***	- Eq	Rewari -	Εn	Rypour -	Gp
	- Fis	Reyoor -	Rг	••	•
Fw.	Gw, Im,	Ridolly -	Gp		
1.	Iu, Tq	Rikikes -	~ ~ ~	s.	
	Mq		C p C b	٠.	
Ramteak -					
		Rimbu -	<u>υ</u> <i>δ</i>	0	
RANA, Terrs. of.		Rinaur -	Uр	Saapour -	Κ¢
RANA, Terrs. of. dipour.	See Ou-	Rinaur - Ripera -	U p N q	Saapour - Sabermatty R	K c L i
RANA, Terrs. of. dipour.		Rinaur -	U p N q I c	Sabermatty R	Li
RANA, Terrs. of. dipour. Ranafagur -	See Ou-	Rinaur - Ripera - Ritchel R	U p N q I c	Sabermatty R Sabuly -	l, i K k
RANA, Terrs. of. dipour. Ranafagur - Randeer	See Ou- H w M i	Rinaur - Ripera - Ritchel R Rixi -	U p N q I c K w	Sabermatty R Sabuly - Sackerigurry -	Li Kk Yo
RANA, Terrs. of, dipour. Ranafagur - Randeer Rangalore -	See Ou- H w M i P u	Rinaur - Ripera - Ritchel R Rixi - Roanpour -	Up Nq Ic Kw Ia	Sabermatty R Sabuly Sackerigurry Sacklymuny	Li Kk Yo Tp
RANA, Terrs. of, dipour. Ranafagur - Randeer Rangalore - Rangamatty	H w M i P u - G c	Rinaur - Ripera - Ritchel R Rixi - Roanpour - ROCKHAGE -	U p N q I c K w I a B,b	Sabermatty R Sabuly - Sackerigurry - Sacklymuny - Sacrapatam -	Li Kk Yo Tp Um
RANA, Terrs. of, dipour. Ranafagur - Randeer Rangalore - Rangamatty Ranganya -	H w M i P u G c L e	Rinaur - Ripera - Ritchel R Rixi - Roanpour - ROCKHAGE - Rodak -	U p N q I c K av I a B,b D n	Sabermatty R Sabuly - Sackerigurry - Sacklymuny - Sacrapatam - Sacrapour -	Li Kk Yo Tp Um Xq
RANA, Terrs. of, dipour. Ranafagur - Randeer - Rangalore - Rangamatty Ranganya - Rangapilla	See Ou-  H w M i P u G c L e W r	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Redak Rooah or Rewah	U p N q I c K av I a B b D n I s	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock	Li Kk Yo Tp Um Xq Xm
RANA, Terrs. of, dipour. Ranafagur - Randeer - Rangalore - Rangamatty Ranganya - Rangapilla	H w M i P u G c L e	Rinaur - Ripera - Ritchel R Rixi - Roanpour - ROCKHAGE - Rodak -	Up Nq Ic Kw Ia Bb Dn Is	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock	Li Kk Yo Tp Um Xq Xm
RANA, Terrs. of, dipour. Ranafagur - Randeer - Rangalore - Rangamatty Ranganya - Rangapilla Rangafundrum	See Ou-  H w M i P u G c L e W r A o R i	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn	Up Nq Ic Kw Ia Bb Dn Is	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong	Li Kk Yo Tp Um Xq Xm Qm
RANA, Terrs. of, dipour. Ranafagur Randeer Rangalore Rangamatty Ranganya Rangapilla Rangafundrum Rangoon R,	See Ou-  H w M i P u G c L e W r A o R i	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour	U p q c K w a B b D n I s F q K y	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda	Kk Yo Tp Um Xm Qm
RANA, Terrs. of, dipour. Ranafagur Randeer Rangalore Rangamatty Ranganya Rangapilla Rangafundrum Rangoon R, Ranjetpour	See Ou- H w M i P u G c L e W r A o R i K y	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta	U P P P P P P P P P P P P P P P P P P P	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol	Kk Yo Tp Wm Xm Om Mm
RANA, Terrs. of. dipour. Ranafagur Randeer. Rangalore Rangamatty Rangamya Rangapilla Rangafundrum Rangafundrum Ranguer Rangeta R. Ranjetpour Rankcra	See Ou- H w M i P u G c L e W r A o R i K y N n	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND	U P P P P P P P P P P P P P P P P P P P	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R.	Kko Tp UX X m Q m M M & E o
RANA, Terrs. of. dipour. Ranafagur Randeer. Rangalore Rangamatty Rangamya Rangapilla Rangafundrum Rangafundrum Rangoon R. Ranjetpour Rankcra Rankcra Rankporah	See Ou- H w M i P u G c L e W r A o R i N n I i	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or-Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd	UNI WAD I FRY PRO KEN	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadd R. Sadras	Lik Yop UX Qm Mm Eor Wr
RANA, Terrs. of. dipour. Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangafundrum Rangowa R. Rangowa R. Ranjetpour Rankera Rankporah Rannee	See Ou-  H w M i P u G c L e W r A o R i K y N n I i M y	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara	UNI WADE SPYPPWWW	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Sacuda Saddamol Sadi R. Sadras Saghordy	Kkoppm q m XX m M M M E W r c
RANA, Terrs. of. dipour. Ranafagur Randeer. Rangalore Rangamatty Rangamya Rangapilla Rangafundrum Rangoon R. Ranjetpour Rankera Rankporah Rannee Ranny Bedalore	See Ou-  H w Mi P u G c L e W r A o R; N n I i M y T m	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah	UNI WADE SPYPPWW F	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadd R. Sadras Saghordy Sagral	Kkoppm q m XX m M M M E W r c
RANA, Terrs. of. dipour. Ranafagur Randeer. Rangalore Rangamatty Rangamya Rangapilla Rangafundrum Rangoon R. Ranjetpour Rankera Rankporah Rannee Ranny Bedalore	See Ou-  H w M i P u G c L e W r A o R i K y N n I i M y	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara	P q q c w a b n s q y q q w w r l	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadd R. Sadras Saghordy Sagral	Kkoppm qm Qmm & XX QM m & EV r c o
RANA, Terrs. of. dipour. Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangafundrum Rangowa R. Ranjetpour Rankera Rankera Rankporah Rannee Ranny Bedalore Rannygong	See Ou- H w M i P u G c L e W r A o R i K y T m P 1	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah Romkera	P q q c w a b n s q y q q w w r l	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Saddamol Sadi R. Sadras Saghordy Sagral Sagrally	I.kopm qm qm Mm aorcop Mm HEorcop
RANA, Terrs. of. dipour. Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangafundrum Rangowa R. Ranjetpour Rankera Rankera Rankporah Rannee Ranny Bedalore Rannygong RANTAMPOUR	See Ou- H w M i P u G c L e W r A o R i K y N n I i M y T m P i G n	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah Romkera Romkera	UNIC WALL BOLF FROM WILLY	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Saddamol Sadi R. Sadras Saghordy Sagral Sagrally Sagor I.	I.kopm qm qm Mm aorcop Mm HEOR PP A
RANA, Terrs. of. dipour. Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangafundrum Rangowa R. Ranjetpour Rankera Rankporah Rannee Ranny Bedalore Rannygong RANTAMPOUR Rantampour	See Ou- H w M i P u G c L e W r A i K y T m P i G n	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Redak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah Romkera Roonay Roopnagur	UNIC WAD IS QUITE WALL BOILE KOEKNUPI ym	Sabermatty R. Sabuly Sacketigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadd R. Saddras Saghordy Sagral Sagrally Sagor I. SAGUR	I.kopm qmmm &orcop & a
RANA, Terrs. of. dipour. Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangajundrum Rangoon R. Ranjetpour Rankera Rankporah Rannee Ranny Bedalore Rannygong RANTAMPOUR Rantampour Ranycoty	See Ou- H w M i P u c L e W r A o R i M y T m O n i A n	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah Romkera Roonay Roopour Roopour	Pode was a say a dww ri ym m	Sabermatty R. Sabuly Sacketigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadd R. Saddras Saghordy Sagral Sagrally Sagor I. SAGUR Sagur	IKYTUXXOMHEW IRPMIK
RANA, Terrs. of dipour. Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangajundrum Rangoun Rankera Rankera Rankera Rankera Ranny Rannee Ranny Rannee Ranny Ranny Rantampour Rantampour Rantampour Ranycotty Rannypookra	See Ou- H w M i P u c L e W r A o R y N n i M y T m i O n i A n K	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah Romkera Roonay Roopour Roopour Roopour Roopour Roopour Roopour Roopour Roopour Roopour	PPC Wabns PYPPWW rlymmi	Sabermatty R. Sabuly Sacketigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadd R. Sadras Saghordy Sagral Sagrally Sagrally Sagor I. SAGUR Sagur	IKYTUXXOMHEW IRPMIKF
RANA, Terrs. of. dipour. Ranafagur Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangafundrum Rangoon R. Ranjetpour Rankera Rankporah Rannee Ranny Bedalore Rannygong RANTAMPOUF Rantampour Ranycotry Rannypookra Ranolonda	See Ou- H w Mi P u c L w r Ao R y N n I i M y T m R o An R y R o	Rinaur Ripera Richel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romkera Romkera Roonay Roopour Roopour Roofoolnagur Roofoolnagur Roofoolnagur	PPPC Wabns PYPPWW FI ymmio	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagral Sagrally Sagor I. SAGUR Sagur Sahar Sahar	I K O PM Q M M M A O P C O P A Q P O M H E W I R P M I K F
RANA, Terrs. of dipour. Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangajundrum Rangoun Rankera Rankera Rankera Rankera Ranny Rannee Ranny Rannee Ranny Ranny Rantampour Rantampour Rantampour Ranycotty Rannypookra	See Ou- H w M i P u c L e W r A o R y N n i M y T m i O n i A n K	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah Romkera Roonay Roopour Roopour Roopour Roopour Roopour Roopour Roopour Roopour Roopour	PPPC Wabns PYPPWW FI ymmio	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagral Sagrally Sagor I. SAGUR Sagur Sahar Sahar Sahar Sahar Sahar	I K O PM PM MM A O P C O P A O PO PM I K F F
RANA, Terrs. of. dipour. Ranafagur Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rangapilla Rankera Rankera Rankera Ranny Bedalore Rannygong RANTAMPOUR Rantampour Ranycotty Rannypookra Raolconda kaoutty	See Ou- H w Mi P u c L w r Ao R y N n I i M y T m R o An R y R o	Rinaur Ripera Richel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romkera Romkera Roonay Roopour Roopour Roofoolnagur Roofoolnagur Roofoolnagur	PPPC Wabns PYPPWW FI ymmio	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagral Sagrally Sagor I. SAGUR Sagur Sahar Sahar Sahar Sahar Sahar	IKOPM 9mm m zorcopz 9po 9s KYTUXXOMHEW IRPM IKFFG
RANA, Terrs. of. dipour. Ranafagur Ranafagur Randeer. Rangalore Rangamatty Rangamya Rangapilla Rangafundrum Rangafundrum Rankcra Rankcra Rankporah Rannee Ranny Bedalore Rannygong RANTAMPOUF Rantampour Ranycotry Rannypookra Rannypookra Ranolconda Raoutty Raperlah	See Ou- H will Puc ce Wro L wro R. y n n i i My T Pl n i i i i i i i i i i i i i i i i i i	Rinaur Ripera Richel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romkera Romkera Roonay Roopour Roopour Roopour Roofoolnagur Roofoolnagur Roccotty ROSHAAN	PAC Wabus Ayalawari ymmio fh	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagral Sagrally Sagor I. SAGUR Sagur Sahar Sahar Sahar Sahar Sahar Sahar Sahar	IKOPM 9mm m aor copa qpo qs a
RANA, Terrs. of. dipour. Ranafagur Ranafagur Randeer. Rangalore Rangamatty Rangamya Rangapilla Rangafundrum Rangafundrum Rankera Rankera Rankera Rankera Rankporah Rannee Ranny Bedalore Rannygong RANTAMPOUF Rantampour Ranycotty Rannypookra Ranotonda kaoutty Raperlah Rapty R.	See Ou- H Will P G L & R Y N I Y M M T P I n A K Y O M T P I n A K Y O M T F t	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah Romkera Roonay Roopour Roopour Roofcotty ROSHAAN Rotas ——Gur	PACOWAPUS AND LENGERNUS I AND LENGERNUS I AND LENGERNUS I AND LENGER LAI	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagral Sagrally Sagor I. SAGUR Sagur Sahar Sahar Sahar Sahar Sahar Sahar Sahar Sahar Sahar Sahar Sahar Sahar Sahar	IKYTUXXOMHEW IRPMIKFFGGB
RANA, Terrs. of. dipour. Ranafagur Ranafagur Randeer. Rangalore Rangamatty Rangamya Rangapilla Rangafundrum Rangafundrum Rankcra Rankporah Rannee Ranny Bedalore Ranny Bedalore Rannygong RANTAMPOUR Rantampour Ranycotry Rannypookra Ranolconda Raolconda Raolconda Raolcondty Raperlah Rapty R. Raree	See Ou- H Will Company on the See Ou- H Will Company on the See Ou- L W AR Y Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out of the See Out	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah Romkera Roonay Roopour Roopour Roofootry ROSHAAN Rotas ————————————————————————————————————	PACOWAPUS AND LENGERNUS I AUSOLATO	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagral Sagrally Sagor I. SAGUR Sagur Sahar Sahoov Sahar Sahoov Sahar Saibgonge Saidnagur Saikote	IKYTUXXOMHEW IRPMIKFFGGBL
RANA, Terrs. of. dipour. Ranafagur Ranafagur Randeer. Rangalore Rangamatty Rangamya Rangapilla Rangafundrum Rangoon R. Ranjetpour Rankcra Rankporah Rannee Ranny Bedalore Rannygong RANTAMPOUR Rantampour Ranycotty Rannypookra Raolconda Laoutty Raperlah Rapty R. Raree Rafin	See Ou- H Will Common Min PGL was KN I in your KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was KN I was K	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaeah Romkera Roonay Roopour Roofcotty ROSHAAN Rotas ————————————————————————————————————	PAGE WAS DERNOTE I AMERICATION OF THE PAGE WAS THE PROPERTY OF THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAGE WAS THE PAG	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagral Sagrally Sagor I. SAGUR Sagur Saihar Sahoor Saihar Saiboor Saihar Saibgonge Saidnagur Saikote Saipour	IKYTUXXOMHEW IRPMIKEEGGBLII
RANA, Terrs. of. dipour. Ranafagur Ranafagur Randeer. Rangalore Rangamatty Rangamya Rangapilla Rangafundrum Rangafundrum Rankcra Rankporah Rannee Ranny Bedalore Ranny Bedalore Rannygong RANTAMPOUR Rantampour Ranycotry Rannypookra Ranolconda Raolconda Raolconda Raolcondty Raperlah Rapty R. Raree	See Ou- Wince Myni PGL W AR N I i ym I Pn	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaeah Romkera Roonay Roopour Roofcolnagur Rofcotty ROSHAAN Rotas ————————————————————————————————————	Pdcwapus dyddwwri ymmio ynus ys UNIKIBDIEKGEKNUPI GCBELAIOHE	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagrall Sagrally Sagor I. SAGUR Sagur Sahar Sahoor Sahar Sahoor Sahar Sahoor Saidagur Saikote Saipour Sailgong	IKOPM 9mm m aorropa 9po 9s ailt m KYTUXXOMHEW IRPM IKFFGGBLII m
dipour. Ranafagur Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangafundrum Rangoma R. Ranjetpour Rankera Rankera Rankporah Rannee Ranny Bedalore Rannygong RANTAMPOUF Rantampour Ranycotty Rannypookra Raolconda kaoutty Raperlah Rapty R. Raree Rafin Raffoolpour	See HMiucero Ming CLW AR You Myniy Myni Myn I Myn I R K N I Y C M AR K S F S F R M M M T PG 16. AR K S F S F R M M M M M M M M M M M M M M M M M M	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah Romkera Roonay Roopour Roofoolnagur Roofoolnagur Rofectty ROSHAAN Rotas ————————————————————————————————————	DAIR A D LE K GE K NU P L G C RE L A L OH E H	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagral Sagrally Sagor I. SAGUR Sagur Sahar Sahoor Sahar Sahoor Sahar Sahoor Saikote Saipour Sailgong Sailoor	IKOPM 9mm m aorropa 9po 9s ailt m KYTUXXOMHEW IRPM IKFFGGBLII m
dipour. Ranafagur Ranafagur Randeer. Rangalore Rangamatty Ranganya Rangapilla Rangafundrum Rangoma R. Ranjetpour Rankera Rankera Rankporah Rannee Ranny Bedalore Rannygong RANTAMPOUF Rantampour Ranycotty Rannypookra Raolconda kaoutty Raperlah Rapty R. Raree Rafin Raffoolpour	See Ou- Wince Myni PGL W AR N I i ym I Pn	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaeah Romkera Roonay Roopour Roofcolnagur Rofcotty ROSHAAN Rotas ————————————————————————————————————	DAIR A D LE K GE K NU P L G C RE L A L OH E H	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagrall Sagrally Sagor I. SAGUR Sagur Sahar Sahoor Sahar Sahoor Sahar Sahoor Saidagur Saikote Saipour Sailgong	IKOPM OMMM AO TOO PA OPO OS WILL I MONTH OF TUXXOM HEW I RPM I KFFGGBLII MX
RANA, Terrs. of. dipour. Ranafagur Ranafagur Randeer. Rangalore Rangamatty Rangamya Rangapilla Rangafundrum Rangoon R. Ranjetpour Rankcra Rankporah Rannee Ranny Bedalore Rannygong RANTAMPOUR Rantampour Ranycotty Rannypookra Raolconda Laoutty Raperlah Rapty R. Raree Rafin	See HMiucero Ming CLW AR You Myniy Myni Myn I Myn I R K N I Y C M AR K S F S F R M M M T PG 16. AR K S F S F R M M M M M M M M M M M M M M M M M M	Rinaur Ripera Ritchel R. Rixi Roanpour ROCKHAGE Rodak Rooah or Rewah Roodawn Rogonatpour Roheeta ROHILCUND Rohnd Rolepara Romaneah Romkera Roonay Roopour Roofoolnagur Roofoolnagur Rofectty ROSHAAN Rotas ————————————————————————————————————	Pdcwapus dyddwwri ymmio ynus ys UNIKIBDIEKGEKNUPI GCBELAIOHE	Sabermatty R. Sabuly Sackerigurry Sacklymuny Sacrapatam Sacrapour Sacrifice rock Sactagong Sacuda Saddamol Sadi R. Sadras Saghordy Sagral Sagrally Sagor I. SAGUR Sagur Sahar Sahoor Sahar Sahoor Sahar Sahoor Saikote Saipour Sailgong Sailoor	IKOPM 9mm m aorropa 9po 9s ailt m KYTUXXOMHEW IRPM IKFFGGBLII m

					- •	
Saladun -	Pb	Santhul	•	Mh	Seebgunge -	HF
Salapeur -	O٥	Sanuparah	_	K n	5-5-5-	Hz
Salawauk -	Wг	Sanyangong	_	Qi	Seedly -	Рy
Salbar. y -	Mp	Saonlas	_	Q i	Seehurah -	Kr
Salbey -	HР	Saoukera		Bo	Seekpour -	Ĥt
Salem or Selina	Χ̈́́р	Saourgam		00	Seerka -	Κw
Saler-Moaler -	NI	Sarandaga	-	K h		I a
Salı	Ô.	* Salanga	•	Hc	Seerpour -	
Salimpour -	Gw	Saranga	-	Ar		I &
Saliom -	λm	Sarangpour	•	Kn		Ep
Salli -	Po	Compacition	-	יי כני	Castana	Hw
	Pu	Sarapilly	-	T q	Sectacoon -	L d
Salloorgaat - Sallumea -	Mi	Sarhaut	-	Qq	Sectrungee R.	Mh
balon -	IV1 2		•	l y	Segardee -	Q p C i
	$\mathbf{X}_{\mathbf{p}}$	Sarlapally	-	T p I z	Segh -	U I
Salopar -	A S	Sarmee	-		Segwah -	Ni
Salfette I	O i	Sarney	-	Pn	Sehalour -	U n
Sambura -	Кр	Sarrowly	•	Οi	SEHAURUNPOUR	Dο
Samber -	Gin	Sa <sup>1</sup> fer	-	Õ٥	Sehaurunpour -	Co
Salt lake of	ıb.	Sarurpour	•	Dο	Sehwan -	G f
bambrani -	<u> </u>	Sarunna	-	I d	Sejahilpour -	K o
Samiaveram -	Yр	Safanam	-	Pw	SEIKS, Terrs. of	Ci
Sami-liffuram -	Tq	Saliw	-	Ľх	Selim, or Salem	. X.b
Samulcotta -	QĒ	Saferam	•	Iw	Selimabad -	Ka
Sanashygotta -	Gą	Sainah	•	G s	Selimpour -	K z
Sanashygunge -	Ib	Salwan	•	Εq	Selka	Κu
Sanbaile -	Αi	Satanoor	-	W o	Sellee -	Lk
Sancatty -	P o	Satashygur ·	**	Hu	Sellempour -	G w
State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State	Pρ	Sateram	-	Wn	Sellinagur -	Fq
Sandela · -	I'r	Sathora	-	Ιο	Selogoorar -	Νq
	40 展本	a Sattarah	-	Qk	Selon -	Χq
Sandy -	Fr	Satilpour	• "	1 h	Semanah -	Dm.
Sandry -	Hm	Sattinagram	•	Rг	Seminagur -	E s
* Sangada -	Hc	Sattipalum	•	Qq	Senapatam -	Wo.
Sangaipilla -	T p	Sattilanagara	-	Y.p	Senaura -	Fk
Sangam -	Рp	Sattimungalu	m	Χo	Sengana -	Fn
jangangangangang ya	Tq	Satrum		Yр	Senké -	$\mathbf{E} d$
Sangamundan -	A n	Savendroog	-	W٥	Sepaun -	K n
Sangancer -	Gn	Saumapetta	•	Up	Sepaunagur -	Lo.
SANGARIANS	I. e	Saunkley	-	M m	Sepoory +	Hр
Sangool -	Кo	Sanrah	-	Fr	Sepou -	Fр
Sangurry -	Um	Sautgud	-	Wp	Sepra R	Im.
San	H f	Sawkul	-	Ор	Septeng -	C &
Sankaaty -	Hd	Sawpoor	• ' '	Ko	Scqueang	Qz
Sankerya ~	Ep	Sawree R.	-	Mg	SERA -	Un
Sankerydurgam	Χō	Sayr	•	· G·w	Sera - '	ib.
Sanko -	Ia	Scheuporti	-	C p P k	darrich de la company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company	K, k
Sanku -	Eχ	Schouri	-		Serai * -	M 1 '
SANORE -	'S ma	Sealcot	-	Bk	Serampour -	ĺУ
Sanore-Bancapour	ıb.	Seamlee	-	1) o	branchischenjongenisten sammen Wei	La:
- Sanowly -	P u	Seaum	•	CI	Serapgunge -	Ha
Samparam -	Ρw	Sebhore	-	Ko.	Seray -	I s
Senpoo R	Cz	Secundarah	•	, E p	Scraya -	Gq'
Sanquelim -	S k	-	<b>*</b> •	Gr	Sergode -	Um
Sanquem	ib	Seconderpour	·	P. 0.	dergom -	OI
Banfor -	Mo			Q.	Bergour -	Um
Minta + V		Secundra	** ** ** **	Ca	Serinagur - 4	Hq
Santa Bombally		**************************************	. '	Fa	Serinealı -	HE
Santalbreta -	1. 1	Sedgwara	* (	Μk	Seringham -	Y'p.
Santerabarry -	GA	Sections	a 🛊 :	Tq	Seringapatam	W a
en lette i an te man, e. S.	11	/	``	, ,	4 4 4 4	Ser-

Sermatra	Go	Sheergotty	I w	Sigaram - Rp
Seronge, or Sirong	Ιp	Sheergur	Fρ	Sihor - M h
Seroor -	ΡΊ		Ηp	Silah - Ix
Serris -	Ĩw		În	Silcolu - Wn
		Chan Mahamad Date	Řr	Silhet - Id
Serrynautju -	_II	Sheer Mohamed Pett		
Serfah -	Em	Sheerpour -	Εp	Sillec - Kx
Serwar -	Ηo	Section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the sectio	Fρ	Simar - Gq
Serwill -	Мп	Sheevaya Malley	Ϋ́р	Simlya - Nw
Setapour -	Ro	Shehinkot -	Ag	Simmooah - 1 t
Setlana -	Hk	Shelopgur -	Wq	Simogu - Um
	Dī	Sheik Furreid's tomb	Di	Simulcandy - I c
Setlege R				
Settiaveram -	Qt	Shekoabad -	Fq	Sindejua - Fw
Setticulang -	Zr	Shencotty -	$Z_{\bar{o}}$	Sindkeerah _ M1
Seven pagodas	W r	Shengana -	ib.	Sinde R. or Indus G f
Severndroog -	Qi	Shenuzan -	Аe	(or Cally Sinde) I o
Seurah -	Hr	Shetabaya -	Υq	SINDE SAGUR DOABAH
Sewalick Mts	Co	Sheteru -	χδ	B 1
Sewan -	Gw		Ûo	
		Shevagunga -	~ ·	SINDIA, MADAJEE, Terrs.
Sewary	K u	Shevagunga -	Ζp	of - Ho
SEWÉE -	Еe	Shevagurry -	Zò	Sindole - Nu
SEWEESTAN .	G f	Shevalour -	Yр	Sindourcotty - An
Sewnaddy -	Μt	Shevalpettore -	Zò	SINDY - Id
Sewny -	Lr	Shevalfettore -	Ζp	Singapetty - Ao
Seyer R	Mt	Shevaporum -	Xm	Singarpetty - Wp
- Is	Ak			
		Shiendamangaly	Αp	
Seylone -	G s	Shingricunda -	Sq	Singecollam - Ao
Sgigatche -	Ca	Shionkan -	$Q_i$	Singeconda - Sq
Shahabad -	Fr		$\mathbf{R}^{-}$	Singerbill - K d
Shahbunder -	Id	Shiron -	. Cx	Singeram Q p
Shahdoura -	Dп	Shival -	Rn	Singhore - H's
Shahpour -	Bk	Shiverapilly -	Pu	Singhya - Hx
onanpour -	BI	Sholaveram -	Žρ	Singoonmaw - Mi
Chalaban	Нх	Sholavanden -	ib.	
Shajehan -		Shoiavanden -	77	
Shajehanpour -	Fn	Sholingur -	Uq	Singramow - Gt
-	Fr	Shoolarum boo	Υô	Singrepatta - Y p
Brown-browners and the sales	G t	Shoor -	C h	Singrecota - Po
-	Κn	Shoray -	Ιp	SINGROWLAH Ku
Shainymalley -	Χo	Shukera -	Α'n	Singum - Yp
Shambypatam	Ϋ́q	Shumihabad -		Singur I x and P k
Shandamungalum	v d	Shyuparé -	A g B f	Siocotticlay - As
Onwignment Symm	Χp		T .	Ciamalana 27
Shangrapoy -	Zp	Shurdhur -	L g	Siomaley - Zr
Shapary -	Mw	Sialacoory -	Υn	Siondelur - Sq
Shapora -	Gn	SIAM, UPPER	01	Siondy - ib.
Shafava 🐣 -	Gр	Siamodel -	Τq	Sipa - Ex
Shaik -	01	Siandapada -	Wo	Sipeler - Sr
Shatcor -	Zo	Sianelly -	ib.	Sirhind - Dm
Shatore -	ib.	Siardebui -	Τq	
Shatore -		Sibnibas -	Ka	
	Ζp		R. 4	Sirisgully -
Shawabad -	Ho	Sicanderah -	Fp	Sirian - Ri
Shawgunge -	G t		R.	SIRINAGUR - Bn
Shawnawas -	C A	Siccapilly -	Uo	
Shawpour -	Ka	Sickhery -	G q	Sirong, or Seronge Ip
<del></del>	Lp	district of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	Ηģ	Sirong, or Seronge I p Sirowy - G l
"Shawroah -	Ιο	Siclygully -	Hz	Sirpy - Un
Shaye -	Ĺд		ÖÉ	Siffuar - Ht
Shazad <i>bary</i> -	균	Sidgur -	Fr	Citamanu
Charafran	E p	Sidoney -		Sitanagur - P.p.
Shazadpour -	11 J. 1	Sidra	Ιw	Sitang R. Q.
Sheally	Χq	Siedabad -	Ha	Sitha - Lg
Shearpour -	H c	Sifeabad	D m	Sitore - Ao
_	( )		1	Sit-

Surour	~	C g	Sonananpour		Q_p	Surajepour	*	Cv
,		1) g	Soundipour	_	Τu		_	H:
S trigally		Tn	Sourah -		Nn	Surajecunjun		Мo
Sittawaca	_	Вr	Soure, ah	_	Ow	Surajguria		Hy
Sitticute	_	Po	Sowice -	•	Lz	Surat		Mi
					_		-	
C'ass la sust	-	Qn	Sourungy	•	Ow	Surbilfah	-	K, o
Sitti kerah	•	Ch	Sowray	-	p I	Suidah	-	l a
Sividurg	-	Το	Suagra -		Gw		-	Μt
Sumpour	-	Lх	Suampett	•	$Q_p$	Surgorjah	-	Кu
Sheveri	-	RI	Subolgur -		G٥	Surguira	_	Мu
Lane R.	•	I s	Suckaltal	-	Dр	Surigur		Ιu
Sungar	-	M la	Suckeree	-	Ιr	Surkees	-	L i
Soank	_	I y	Suckree	-	Lt	Su orpour	_	Ġ,
liver	_	Мх	Suckry -	_	Kr	Suro.v	_	Му
Soar	_	G y	Sufferdam	•	Ρi	Surrool	-	Κz
	-			-			•	
Sofregam	-	G r	Sugoully -		G w	Surrowry	-	Po
Enlagepour	_	K, s	Sujanhre	-	Mi y	Surfootv	-	Dп
Schaal	•	ls	Sujatpour	~	Εr	R.	-	E 1
Sondah	-	1. x			1 d	-	•	Mf
Solagur		1 4	Sujerma -		Gρ	Surfwatty R.	~	Кi
Sollapour		Rο	Suifopour	-	Gò	Sarund	~ <u>.</u>	C m
Solo	-	Εo	Sukalerai	-	10	Surusti		El
Somainpour	_	Hr	Sukor -		Ff	St. Sufan's I	s	Ÿ k
Somalpet		Νo	Sulapour		Qn		_	Ϋ́I
				-	C k		IVCI	Нý
Sombiere ch	uner	Bf	Sultanpour	-		Sufcapour	-	ra y
Someer	-	Gq	-	-	Gt	Sutaluty	-	$L_c$
Sonah	-	Ιý	<del></del>	-	Hn	Sutlone	-	Hp
Sonerour	-	Nu	<del></del>	-	Mh	Sutrapour	-	Mf
Sonergong of	r Sunergo	ng Ka	-	•	Qo	Suttuluz R.	-	CI
Sonerys .		H	Saman -	•	Fq	Swally	-	Μi
Sonymeany		ΗЬ	Sambul	-	Εp	Swamry		Tn
Soobarum	_	Qu	Sumbulpour	-	Μů	Swedong	-	Μż
Sooderah	_	Bh	Sumdea -		H a	Sydabad	_	Fp
Snoc	_	ΠÏ	Sumcer	_	Мg	-,	_	Hr
	_	Hŝ	Sumifier -	_	Fw	Sydapour		Τq.
Sookagee	~				M f	o) dapour	•	* Å.
Soolaram	-	R s	Sumnaut (Putt	all)				
Scourgong	-	Мq	Sunamooky	-	Кz		755	
Sconahatty	•	К×	Sanda	<b>-</b>	Fs		T.	
Soomajura	-	1 1	SunJaminum	-	Τo			-
SOONDA	-	S k	Sundeep I.	-	$\mathbf{L} d$	Tacour	-	Wο
Soongong	-	Μg	Sunderago da	-	P w	Tacroy	-	E e
Soonygong	•	Lŕ	Sunderbunds	-	Ma	Tadcul	-	Wp
Soonkutcha		Kn	Sunderdoo	•	R k	Tademeri	_	To
Soonwalla	_	Mo	Sunerampour		[d	Tadepatry	,	Tp
	_	Ηã	Sunergong, or	Soneran		Tadipoody	_ ~	, Or
Soopour	-	Κz	Sungwa	-	~5ôi	Tahej	_	Kf
	~	Fw		-	Ff	Taile R.	_	Nu
Control of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	•		Sunkar	-			-	
Scopa	-	Pl	river	-	Ld	Tainy	•	Zo
Scopplandy	-	Уq	Sunkeera -	•	Мg	Taivaram	-	ib.
Soorangur	₩	Μū	Sunkera	•	I. k	Taklacot	-	Αr
Soorapetta	•	Rq	Sankerfür	•	G x	Talamata	•	X n
hooreah	•	Μî	Sunnam	*	D m	Talconaw	<b>-</b>	H b
Soorjew R.	•	Ar	Sunnagur		Mw	Talcote	_	Br
Soormah R.		Ĭż	Sumpat	**	Ēο	1	-	Sk
	•	Κz	Sunund	_	Li	Talegong	_	Ŏì
Spory	***		1.7	_	Hw	4 24.2		Po
Soorya	-	Ly	Supour		Eo	Talanana	•	Wm
Soolwargur	•	M u	Surajepour	•		Taleporum		
Sooty	-	i a	-	^	Fq	Talgul		Un
Seigrum	-	Q:	-	•	G r	Taligong	' <b>*</b>	Хр
		-			1	Ϋ́y		Tal

						- •		
Tallada	_	Qr	Taunnah	•	Gr	Tikoo -		<b>17</b>
Tallapour		- Fs	Tavai	-	T1	Ti'amungulum		K x
l'alfenghe	•	Q m	island	_	Wk	Tiloutta		Ψo
Tamach <i>abad</i>		Ĥt	Taulagur		Bi	Tilianoo	-	Iw
T'amana	-	Rк	Taya I.		BI	Tilwara	-	Ľ h
Tamba	•	Qk			Εq	411 William	*	K r
Tamberchers	rv	X m	Tecona	-	T k	Timapet	-	Rр
Tambona	- ,	Zo	Teecha		J. 6	Timely -		W q
Tambray		$Z_n$		n Pean	Ob	Timery cotta	-	Ka
Tamegam		C r	in Gol	conda		Timery du gam		W p
Tanilook		Ĺz	in B.ig	lana	Q.s	Timcoi gocda	-	Pц
Tamihuc Mt	· .	- Ās	Teenah R.	iana	Oi	Timoorgudda	-	Pw
Tanai	_	Fw	Teen Talla		Qn	Tindercot a	-	Χq
T'ancanchy	_	A 0	Teestah R.	•	L k F z	TINEVELLY	-	Ao
l'anda-Morg	nno	Мr	Teetbaddy	-		Tinevelly	-	16.
Tangale	50"5	C s	Tehaura	-	Ic	Tingam -		Оп
Tangmew	•	O h	Tehoudfong	-	DΙ	I ingamolly	•	M s
Taniala	•	Rq	Tenougiong		$\mathbf{F}i$	Tingorcally	•	Lz
Tanichi	-	X, q	Tekeree	-	Μo	Tingrecotta	•	Wp
TANJORE	-	Ϋ́р	Telcooty	-	Pu	Tipara -		Gu
Tanjore	-	Y q	Tellicherry		Хm	TIPERAH	_	K d
Tankia	•	16	TELLING.	ANA	Pр	TIPPOO SULT	fAN.	Teirs.
Tankunny	-	Dz	Tellipoly	-	Z r	of _	•	Wo
Tankunny Tanla		No	Telwara	-	I k	Tiramungalum		Zo
Tanna	-	K I	Tenasserim	-	X /	Tirocoor	-	Qr
Tannafar	-	Oi	Tengapatam		Ao	Tirumbore	-	Zp
	-	Dп	Tenou	-	λq	Tiruvelore .	••	Ϋ́q
Tanore	-	Υm	Teoly	-	Gp	Tiffiah -		Kw
Tauygong	-	Мq	Tepten	•	Сa	Titalya	•	G a
Tapoor	-	Хр	Terdol	•	R 1	Titwalla -		Ŏ k
Taptee R.	-	MI	Terecoi	•	Sk	Toagamally		YP
Tarabad	-	NI	Tergarry	•	Um	Tocapa -		$z^{r}$
Taragupala	•	Pр	Termally	-	Τo	Toglucpour	~	Ďг
Taranako	-	Ιy	Ternalla	-	ib.	Toka .		Ő m
Tarapelly	-	Χo	Terrapour	•	Οi	Tolescapatam		V a
Tarnavay	-	Ϋ́n	Terriagully	-	Hz	Tolhar -	-	Y q A h
Taringalong	•	E e	Terriah	-	Εq	Tollundy		G s
Tarours	•	Οq	Terrimungala	1712	Χa	Tolnani -	-	Mm
Tarranah	-	Κñ	Terriore	-	Хp	Tolre .		w m
`Тагтаропг	-	Нy	T'eschar	•	C n	Tombay	-	Χq
*	**	Lm	Teffuah	-	Εa	TONDIMAN'S	en Calendar	Qb
Tarlah -	-	Мr	Than		Lg	Pudicotta	-orași,	y. See
<u>T</u> artalla	~	Ϋ́n	Thauwaty		$O_i$	Tondinga-Mator	~	Ϋ́р
Tartoor	-	Qu	Theang		Ni	Tonpi anum	JK.	Qt
Tarwas.	-	16	Thegam	-	Fx	Tondow -	•	Wq
Tafapan	-	AI	Thelary	_	Нx	Tondy		K b
Taigaong	-	Q1	Thenongown	-	Mé	Tongatore _	-	Zq
Taffasudon	•	Fb,	Thevacourchy	-	Хp	Tongatore L		Ŗĝ
Tatapary	•	Δp	THIBET		. B y	Tongblow Tongolore	*	N.
Tatapatnam	-	A p X p	Thongton	<b>.</b>	N;	Tongonore		Sr
Tatenagur	-	Χq	Thora		Ĥ'n	Tongpotra	-	Q.b
Tatta	-	Γà	Thotra		Gn	Tongunemew	•	$N_{\perp}$
Tattamangalas	173	Yn	Tiagar	_	Хq	Tontapilly	•	Qt
Taudeconda	-	QP	Ticadee	_	Ms	Tontravellore	-	Rr
-		Ϋ́p	Ticoleah	-	G w	Toodawah	-	Qb
Taudoon	_	Bm	Ticcota	_	Q m	Tood guntla	-	Q s
Taujepour	_ '	Ğw	Ticksriy	<b>~</b>		Toodry -		7 1
1	, ·	Ha	Tickely	_	I w	Toong .	<b>*</b>	Pk
Taule -	. 1	w.o	Tickly	<del>-</del>	Pw	Toolajee		Mh
Taunda	-	Gi	Tiggree	-	R m	Tooljapour -	ı	Pn
1 / 1	-	*	Tiggree	-	E p	Toolly -		Mr
•		,						Tool-
								-

Poolmed'n		Κo	Trivenulore		Χq	Untoorah -	Мp
Torlar		Ly	Trumian		Ϋ́р	Upella -	Pq
Toom cour		Uo	Tubbaulch		ßk	Upella Chanderaghery	
Toomlir -		Мr	Tubeipilly	-	Üô	Upparali -	2b.
Foorgady		Уp	Tuckatpour		L t		کړ.
Foredurry		T o	Tuckea -	•	Мq	Uracunda -	S 0
I'cppa.pour		Ft	Tuckt Hazara			Uratoor -	Tp
Torar -	~	Kw	Tuckwipour	•	Ch Fs	Urecullyconda -	Uo
Tores		ib.	Tuelcar -	-		Ulegur -	Aq
'Foreparah	•	Βi	Tue ah	•	An N	Urfingunge -	H t
Torres Is.	•	X		-	Nρ		
Torrest .	•	I d	Tukera -	,	F's		
	•		Tulah	•	K d	V.	
Torfeera	~	Mи	Tulon -		DΖ	** * .	
Tottium -	•	Хp	Tulloon	-	$\mathbf{D}_{1}$	Vackaleer -	Up
Tovaley	-	Ao	Tullowgam	-	Pk	Vadacouchery	Уn
Toudlong .	-	D c	Tully -		Мp	Vadagary -	$Z_{0}$
Touery	-	G1	Tumbali		Z n	Vadamaderry -	Υp
Touhene -		D m	Tummeroo	-	I b	Vaddal -	S 1
Toulomba		C h	Tummoo	~	sh.	Vaderagorchy -	X n
Toumanuggree	birth pla	ace of	Tamuchanaig	-	$Z_{0}$	Vadoranium -	Υq
Rajah Bicke	rmajeet	Ιo	Tungebadra R.	,	S n	Vaelue ? -	Cs
Tounle R.	•	ľs	Tungeong	•	I b	Vagalon -	Хq
Tourchengada	-	Χo	Turancourchy		Yр	Vagouly -	QÌ
Tourvacora	-	Un	Turbunny	-	Fw	Vaigal -	Q'r
Towlgaw		Рn	Turee -		Ιy	Valagode -	$C_r$
Towpsal .	_	16	Turgah		Lx	Valar R.	Sm
Trangarde	-	Y m	Turki -		Gx	Valdore -	Wg
Tranquebar	_	Χq	Turkpour	_	Bh	Valegar -	λn
TRAVANCO	RE	Αn	Turlah -		Pw	Valiodu -	Αo
Travancore	1 4 1/4	·· 🐙 6	Turoot		BI	Vallagam -	Rr
Tricalore .		Χq	Turrorah .	•	Мr	Vanancoupan -	V.
2.4.4041071.0	_	Χp	Turrunga	_	Мt	Vangole -	Χq
Trickandore		A P	Tutacorin	_ ~	Дp	Vaniambaddy -	Хp
Trimanetere	-		Tuteserai	_	ខ្មែរ	Vaniambaddy	Wp
Trimalore	_	Χq	Tuttom	_	Ηr	Vanjemsoar Vari	QŢ
	_	Ϋ́р	Tuxal -	_	Cn	Vari Varore -	Sk
Trimapour	-	Y p Y q			Kx		W.p
Trimelavady	•	Bt	Tymarrah	•		Vashavan -	Ϋ́o
Trincoli -	•	A s	Tylerrah	•	Lx	Vaypar -	$\mathbf{Z}_{\mathbf{P}}$
Trinkamaly	-	22.8	υ	r		Veerapatch -	Υo
Trinomaly	•	Wq	U	•		Veh -	Dд
Tripalore	*	Wr	77.3 Ma		W. F	Velam -	Хn
Tripanti	۳,	S q	Udaffa .	•	Μq	Velangoody -	¥р
Tripassore	-	Ur	Udeampour	•	Zn	Vellacherry -	$Z_p$
Tripatore	-	Wp	Udebode	•	C r	Vellas - J	Bs
	-	Yр	Udegherri	•	Tq	Vellechy -	Χo
	-	Y q	Uderipconda	-	Τō	Vellepekonda -	Qq
Tripawanum	•	Z p U q	Uduar	•	_C r	Velloul -	Mf
Triretty	•	Uq	Umballa	-	D m	Veilum -	Υq
Tripunetaire	-	Υn	Umberpattons	•	Is	Velore -	.W. os
Tritany	•	Uq	Una	••	Mg	Vencatigherry	Wp
Tritchinopoly		Υp	Unampilly		So		Tq
Trivadi	-	λq	Unawah	-	K. i	Vencarram -	To
Trivicary	•	*** · · ·	Unchalair	<b>*</b>	Ep	Vendelos -	A s
Trivandoor	<b>M</b> ( * )	$Z_{p}$	Undearcore	•	M.t	Ventre -	R s
Trivatoor	-	Ϋ́ρ	Underdengari	e	Xn	Veracundalore	U q
Trivatore		ZP VP Wq	Undret	,	Nm	Veramalley -	Υp
Trivaters		Yp	Uniara	<b>-</b>	Go	Verdachelon -	χq
Trivelawary	***	ib.	Unkei Tanky	-	NI	Verguttum -	Pa
Trivembar	-	Ζp	Unnup-poupp		K b	Verimungalum	Ao
等 14 4 A Marie Primer	•	- 2		•		Yyz	Ver-
						- 2 -	= 4/1.4

#### TNDLS to the MAY.

v erlameyra	$\kappa$	Wantary -	$P \subset$	Yatopul	$\epsilon$
Verfara .	1.:	Wanfawur	1. g	Yaree "	M
Verfa il	∖ i	Warodara 💆	Тp	Yatcheveram -	Tig
Vetavelum .	W q	Warangole -	24	Yatong	M
Viato c -	m $V$	Wardwan -	Lii	Lattonu:	B :
Vickiroundy .	il a	Waree -	Кg	Yangar .	N.
Victoria F	Pi	Wargam -	Li	Yeanglaw .	M
v i'epatty -	As	Wari -	Om	Ycapour -	ВI
l illapotem -	Хq	production go	Qİ	Yeducotta -	Ϋ́ο
Villenore -	26.	Warrel R	Kd	Yeddimung lum	
Vingorla -	S k	Warri -	Χq	Yehenagur -	Y q C I
Vinja -	K f	Warriore -	zb.	Vehungul	C h
	T q	Wastara -	U m	Yehungiehaul - Yelaluram -	
Vinkatty Chillum	r d			Yelchore -	Rq
Virague -	Ρn	Watara -	Q.u		<i>10.</i>
Virimgan -	L h	Watrap -	Zo	Yelcour -	Uq
Vicour -	Οq	Watterputten +	Rk	Yellamoody -	20
Visagapatam -	Qu	Wattinad -	Υg	Yellang -	O ž
Vishtanary -	Αo	Wau -	l h	Yellegood -	Sp
VISIAPÕUR -	QI	Weerawau -	li	Yemella -	Rр
Visiapour -	Qm	WERREAR -	K h	Yenletcheru -	Sq
Vizamungulum -	Χo	Weylanoo -	Nf	Yeowah -	Mz
Vizapour -	01	Wholagunge -	Gt	Yerapatta -	Uq
Vizerabad -	Вh	Wocanally -	S n	Yertnagoodam -	R 🤄
Vizeroy -	R s	Woglydurgam	Wο	Yetcheradaw -	Tn
Vizianagram -	Рu	Wollapollam -	Χo	Yetcopauk -	QE
Vizianagur -	Οw	Wombinellore	Хp	Yeula -	Οl
Vizraby -	Oi	Wontamitta -	Up	Yocotte -	Οp
Volconda -	χq	Woodgurry -	Ŭ'n	Yo-Sanpoo R	Fz
, , , , , , , , , , , , , , , , , , , ,	1	Woodlour -	Yo	YUNAN -	Ĥ m
		Woodsamadrum	Q's	Yuntchian	ib.
w.		Woodycutty G.	$\widetilde{\mathbf{T}}$	a uniternant	20.
***		Wootamally -	Źō	<b>Z</b> .	
Wachinellore -	Z. 0	Worgaum -	Pk	476	
	Ñ i	Wurfuree R.	N/ ~	Z. Cape -	٥:
Wackmoyjuft - Waer -	Fo		Mg		L'é
	Mh	Wurwama -	Lg	Zamrekote -	
Wagnagur -	PI			Zangelair -	Qi
Wagoly		**		Zeagong -	Ni
WAGUR, Little	Κg	Υ.		Zean -	Gr
Waidgunge -	Нt			Zelon -	C d
Walgom -	Br	Yaegongmew -	Pb	Zemowah -	Pb
Wallapatam -	Υn	Yale -	C s	Zinnore -	M la
Walloor -	S r	Yanam -	Rt	Zivagee -	Qi
Waloni -	K i	Yanatong -	O i	Zogor · -	Da
Wamwaloo -	Le	Yangbonraw -	$Q_i$	Zuenga -	ıb.
Wandewalk -	Wq	Yangoon -	ib.	Zufferabad -	Ch.
Wankaner -	Lĝ	Yankcon Mts.	C a	Zufferwal -	Bk
	-			**	•

## O M I S S I O N S.

## ADDENDA, & ERRATA.

### INTRODUCTION.

Page xxiv. line 2 from bottom, read, and it will also prove, &c.
xlvii. line 1, read then.—line 10, for Mahrattas, read, funder of the Mahratta State,
which about, &c.
- xlix, line 11, for 80, read 25.
— lii. line 9 from bottom, after Mabrattas, read (or rather that of MARITAT)
—— liii. line 11, read 1316.
lvi. add a note on Ferifica*, line 14. [ That is to say, in his history of Hindoo-
STAN; for in that of the DECCAN, he speaks very fully on the subject: but this
latter has never yet been published in any European language. See note p. lxxix. I
latter has never yet been published in any European language. See note p. lxxix.] —— lvii. line 7, read fun sh
lviii. line 18, after Mogul, dele the comma
lx. line 9 from bottom, for 1627, read 1628
- lai. Autungzebe was the third fon of Shah Jehan
ibid. and throughout, for Sewagee read Sewagee
- lxiii line 8, read exceeded
In in The native of the Date of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class of Class o
- lxxiv. The note refers to Jewan Bucht; not Shah Aulum
lxxx. line 5 from bottom, dele [he]
lxxxv. line 19, read afterwards
cxi. line 9, read soubab
cxiii. note, for 21,650, read 41,650
cxiv. line 3, to the sum, add s. for pounds sterling
Exxix. note on "extending bis conquests"," line 6. [ The last accounts from India,
inform us, that Sindia had been descated by the confederated Rajpoots, on the side
of Jyenagur and Joodypour: and that in consequence, he had retreated southward
to Gwalior. They add, moreover, that the nominal Mogul, Shah Aulum, had
taken the opportunity of escaping from Sindia's camp, to the Rohilla Chief of
Sehaurunpour.]
cxxxvii. line 10 from bottom, read per annum
and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s

- cxi. line 9, read foubab
caiii. note, for 21,650, read 41,650
cxiv. line 3, to the sum, add l. for pounds sterling
- Cxix. note on " extending bis conquests"," line 6. [* The last accounts from India,
inform us, that Sindia had been descated by the confederated Rajpoots, on the side
of Jyenagur and Joodypour: and that in consequence, he had retreated southward
to Gwalior. They add, moreover, that the nominal Mogul, Shah Aulum, had
taken the opportunity of escaping from Sindia's camp, to the Rohilla Chief of
Sehaurunpour.]
cxxxvii. line 10 from bottom, read per annum
The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon
MEMOIR.
MI E MI O I K.
Dans to line a nice built and the control of the family and
Page 10. line 2, after longitude, read, the measurement giving so much more, &c.
13 line 4, read, a flat coaft, nearly straight
- ibid. last line, for ibem, read it
14. line 1, for their, read its
19. note, read Werfebe
22. line 20, read theft
31. line 6 from bottom, read 72° 38', and 72° 40'
32. note, read other temples cut out of the rock
62. line 7 from bottom, read Pryang, or Praig
66. line 9. [It appears that ancient Delhi stood on the same fide of the Jumna, with
the present city of that name. B.]
68. line 16. [The map in question, was drawn by Lient. Rind, of the Bengal esta-
blishment: as well as that of the roads in the Dooab, mentioned in page 66. B.]
70. line 19, dele [western]
78. line 9 from bottom. [Moultan city, has been garrisoned by the King of Can-
dahar, fince 1779. B.]
81. and throughout, read M. Patis de la Croix
Page 89.

#### ADDENDA, & ERRATA.

Page 80. BATNIR. [This place is also named BATINDA, by the people of the Panjab. It is fituated in a country famous for pallutes; and fior hories, B ] For this, and for the rest of the notes marked B, I am indebted to Major James Browne of the Bengal cstahlishment. \_\_\_ go. line z, for them, read then \_\_\_ o6. line o, for in, read on - 97 line 6, read [was now divided] - 102. In the map, read Rauzee river - 115. fecond note, read the ancient - 117. line 5, Goraus. There is a diffrict of the name of Guppers, in this quarter. - 125 line the last, read as the Parthian boundaries 144. line 19, read and between Bubar, &c. - 155 line 6 from bottom, read between Biljah and Pannah - 161. line 7 from hottom, for the river, read it ---- 174. last line, put a period, after authority - 175. line 19, read journey - 178. line 3, after jea, read in the next - 182. line 12. for are read is - 190. line 8, read commissioners - 193. line 21, for Now, read But - 283. line 3, for ferwes, read ferve - 289. last line, read Gedrofia - 291 line 2, read compose the present empire of the Abdulli, &c. - ihed, note, line 1, for this, read the.